

MIT's  
Oldest and Largest  
Newspaper



## The Weather

Today: Sunny, 70°F (21°C)  
Tonight: Showers, 50s F (13°C)  
Tomorrow: Partly sunny, 60s F (16°C)  
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Volume 123, Number 48

Cambridge, Massachusetts 02139

Tuesday, October 14, 2003

## Early ILG Numbers Bring Some Worries

By Chen Zhao

In the first independent living group recruitment to be run outside of fraternity Rush, preliminary results

### Analysis

collected by *The Tech* were mediocre.

The results seem to threaten the future financial health of ILGs, but most houses say they are in the black for now.

Epsilon Theta received four freshmen, one junior, and a student from the one-year Cambridge-MIT Institute exchange program, said Rush Chair Susannah M. Dorfman '05.

Tau Epsilon Phi, which is also a fraternity, was the only other house to report getting a freshman. The pledge is TEP's only new member so far, said President Brian T. Neltner.

Student House received 11 new members — four CMI exchange students, and seven upperclassmen, said Sandra Y. Galdamez '05, the rush chair.

Pika has not yet received any new

members this year, said William F. MacFarlane.

Fenway House received two new members, one of them from CMI, and has 16 total members. Ray Vichot '04, the rush chair, said the house's long-term minimum threshold for good financial health is about 15 members.

"Rush in general hasn't gone very well," he said. "As the years go by, a larger percentage of the house is graduating, and we're trailing down to nothing."

"That's our big concern for the moment, is trying to get people into the house," Vichot said. "We're making an effort to promote ourselves within the general MIT community."

The Women's Independent Living Group declined to release statistics. Rush Chair Laura C. Chidozie '05 said that WILG did "fairly well" this year but would not have final numbers until later this week.

ILGs stressed that the current

ILG Rush, Page 14



MIT alumna Christina Parks '02 spars with Lee Sohn Ju from Yong-In University, South Korea, at Harvard on Sunday. Parks, co-founder of the MIT Sport Taekwondo Club, represented the U.S. National Collegiate Taekwondo Team in a demonstration match and won on a 1-1 tie.

## Sophomores Declare Exploratory Subjects, Explore Different Majors

By Jenny Zhang

ASSOCIATE NEWS EDITOR

287 sophomores, or 29.2 percent of the class, have designated a subject as exploratory by the Oct. 3 deadline, said Assistant Registrar Peter R. Hayes.

The number is up from the 47 sophomores who had declared an exploratory subject by three weeks ago.

A subject designated as exploratory can be changed to listener status after the final grade has been issued so that the grade does not appear on the external transcript. Sophomores are permitted one exploratory subject per semester.

The option was developed as "part of the overall redesign of the first and second year, to help make a smoother transition," said Professor Duane S. Boning '84, a member of the Committee on the Undergraduate Program, which created the option.

In an Aug. 26 letter to advisors, Professor J. Mark Schuster PhD '79, the committee chairman, wrote that the exploratory subject is part of a five-year experiment intended to encourage students to explore new intellectual areas.

### Few choose exploratory subject

Although most sophomores are aware of the exploratory option, many chose not to use it.

Tristan J. Hayeck '06 said that he heard about it at a Mechanical

Engineering orientation but did not use it because he did not plan to take many classes.

Lynne R. Salameh '06 also did not designate a subject as exploratory. "All the hard courses I'm taking are required for my major, so I would have to take them again any-

ways if I didn't do well," she said.

Salameh said she heard about the option from her adviser as well as peers.

Other sophomores said they felt that the exploratory subject was a

Exploratory, Page 13

## Off-Campus Rep. Plans Kitchen for Constituents

By Shuai Chen

STAFF REPORTER

Katherine H. Allen '05, the new Undergraduate Association senator for off-campus students, will work to make kitchen space available for off-campus students and student groups in Walker Memorial, and

establish a mailing list for off-campus students.

In an interview, Allen, who filled a seat left vacant since early last school year, discussed her plans to bring the off-campus community closer together.

She is the representative for MIT's approximately 60 undergraduates who live in apartments or with their parents, outside the system of dormitories, fraternities, sororities, and independent living groups.

So far, she has established the mailing lists and is now trying to locate off-campus students. The kitchen space is targeted for completion in January or February.

"I am hoping I might get in touch with information services" to get the names of the off-campus students, she said, but for now, she will just "continue going by word of mouth."

Students can add themselves to the mailing list by typing `blanche off-campus-undergrads -a $USER` at the Athena prompt. Students on the list can be reached at `off-campus-undergrads@mit.edu`.

She said she decided to run for her office "mostly because there wasn't [an off-campus representative] and I thought that was unfortunate" she said.

### Mixed feelings off-campus

Some off-campus students said

Off-Campus, Page 17



The Hunter's Moon rises through the clouds over Boston last Friday evening. The name originates from when hunters relied on the brilliance of the full October moon to continue hunting late into the night.

BRIAN HEMOND—THE TECH



Passion, not politics, was at the crux of *Chocolate*.

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Comics

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### FEATURES

Twelve hundred pumpkins sold like hotcakes. Wow!

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# WORLD & NATION

## Skyscrapers Make Shanghai Sink

THE NEW YORK TIMES

SHANGHAI, CHINA

Like so many people here, Wang Yong Xin happily moved into a high-rise apartment in the 1990s, when the construction frenzy seemed to capture this financial center's ambitions to become the next New York or Hong Kong. New skyscrapers always seemed to be rising, and Shanghai's self-esteem rose with them.

Now, though, Wang, a local business owner, is more frustrated than impressed. He frets about traffic, pollution and what many local residents say is the diminishing quality of life. There is even the inconvenient fact that some scientists believe the skyscrapers are causing the city to sink.

One solution, Wang said, is to stop building skyscrapers. "It would certainly alleviate some of the problems," he said. "There are enough high-rise buildings."

Surprisingly, many officials in Shanghai seem, at least partly, to agree. Sometime this fall, the city's urban planning bureau is expected to revise local building laws to limit, if not ban, high-rise development.

Built on a swamp, Shanghai sank by roughly eight feet from 1921 to 1965, largely because of the draining of groundwater beneath the city. But officials managed to correct the problem and virtually stop the sinking — for a while. Statistics vary, but the city is again sinking, at roughly 1 centimeter a year.

## Imagining Thought-Controlled Movement for Humans

THE NEW YORK TIMES

Striking progress in what can honestly be called thought-controlled robotics raises an obvious question: If monkeys can do it, why not humans?

Scientists at Duke University reported on Monday in the first issue of the Public Library of Science, a new journal with free online access at <http://www.publiclibraryofscience.org>, that a monkey with electrodes implanted in its brain could move a robot arm, much as if it were moving its own arm.

The possibility of adapting this for paralyzed humans is obvious. Experts working on the brain-machine interface say that adapting such experimental efforts for human use may begin within a few years. The long-term implantation of electrodes into human brain tissue is already being done with deep brain stimulators that alleviate chronic pain and movement disorders. Because of their use physicians are less worried that brain implants will cause infections or strokes.

## China Expects Growth in Tourism

THE NEW YORK TIMES

BEIJING

The tourism industry in China is set for rapid growth in the coming years, despite lingering fallout from the SARS epidemic earlier this year, according to a report released here Monday.

The report, issued by the World Travel and Tourism Council, a private organization that represents hotel and travel companies, predicts that the number of tourists and business travelers visiting China will grow 22 percent a year beginning next year through 2013, and the flow of Chinese tourists and travelers going abroad will probably grow even faster.

Council representatives and travel industry executives warned, however, that China must overhaul its tourism administration and accept more foreign involvement if it is to manage the expansion.

"China has the potential to become one of the world's greatest tourism economies, but the scope of effort needed is staggering," said Jean-Claude Baumgarten, president of the council.

The report was issued a few days after the end of China's week-long National Day holiday.

# Congress Debates Creating Medicare Home Co-Payment

By Robert Pear

THE NEW YORK TIMES

WASHINGTON

House and Senate negotiators working on Medicare legislation say they are seriously considering imposing a co-payment on home health care, one of the few Medicare benefits for which patients do not have to pay such charges.

Congress eliminated the co-payment in 1972, in an effort to encourage the use of home care as an alternative to nursing homes and hospitals, which are generally more expensive.

Just four days remain before a Friday deadline suggested by Republican leaders of Congress for completing work on the legislation, which would revamp Medicare and add prescription drug benefits, at an estimated cost of \$400 billion over 10 years.

Several negotiators said on Monday that they were seriously considering a co-payment of \$40 to \$45 for each 60-day period in which a beneficiary receives home care. That is about 1.5 percent of the average cost of such care. For 60 days of care, Medicare typically pays \$2,700 to \$3,000.

Negotiators in a conference committee are trying to reconcile separate

bills passed by the House and the Senate — a big challenge with big political implications for President Bush and lawmakers of both parties. The House bill includes a co-payment for home care, but the Senate bill has no comparable provision.

Rep. Bill Thomas, R-Calif., the chief architect of the House bill, described the co-payment as a way to deter unnecessary use of home care.

"Requiring beneficiaries to share the cost of home health services encourages them to use care more prudently," said Thomas, the chairman of the conference committee.

But home care agencies and advocates for the elderly criticized the co-payment as a "sick tax."

Most supporters of the co-payment are Republicans. But opposition comes from both parties.

"A home health co-payment of \$40 to \$50 per episode would impose a significant additional burden on those beneficiaries who can least afford it," said a letter to the conference committee, drafted by Sens. Susan Collins, R-ME, and Russell D. Feingold, D-WI. Fifty-seven senators, including 24 Republicans, have signed the letter.

Medicare spending on home care soared in the early 1990s. But it fell

to \$10 billion in 2002, from \$17.5 billion in 1997, as the government adopted a more restrictive method of payment and cracked down on fraud. The Congressional Budget Office predicts that annual spending will triple in the coming decade, to \$32.9 billion in 2013.

Thomas A. Scully, administrator of the federal Centers for Medicare and Medicaid Services, said the Bush administration had not taken a formal position on the co-payment. He said he personally believed that "a good case can be made for charging a modest co-payment to people who can afford it."

A Republican working on the Medicare bill said, "A co-payment seems inevitable." Any effort to block the co-payment at this stage would probably touch off a big fight, he said.

Another Republican, Rep. John E. Peterson of Pennsylvania, said he argued against the co-payment last week in a meeting with Thomas.

Peterson, said he came away from the meeting with the impression that "there's likely to be a co-payment" on home health care. Peterson is not a member of the conference committee, but is closely following its work.

# New Fertility Treatment Swaps Nuclei of Fertile, Defective Eggs

By Denise Grady

THE NEW YORK TIMES

Doctors in China have become the first in the world to make an infertile woman pregnant with an experimental technique devised in the United States for women who have healthy genes but defects in their eggs that prevent embryos from developing.

The technique, called nuclear transfer, involves removing the nucleus, which contains the genetic material, from a woman's fertilized egg and transferring it to an egg of a woman whose own nucleus has been removed. The resulting hybrid egg is then put back into the womb of the first woman. The idea is that the second woman's egg will provide a healthier environment for the genes.

Although researchers at Sun Yat-sen University in Guangzhou succeeded last year in impregnating a 30-year-old woman with the technique, she gave birth prematurely and the fetuses died. Although the procedure was legal at the time in China, it was recently banned there.

Critics say the technique is perilously close to human cloning, which has been widely condemned, although there is no proof it has ever been done or even seriously attempted. Those who oppose nuclear transfer also argue that it poses unknown hazards to any children who may be born as a result, and as evidence they cite the death of the Chinese woman's fetuses.

Doctors involved in the research say it is not cloning, but is an attempt

to give infertile women chances to have children that are genetically their own. They say that the technique has been studied extensively in mice and is safe and effective.

A report on the experiment in China is to be presented on Tuesday at a medical conference in San Antonio. It was described in The Wall Street Journal on Monday.

Nuclear transfer is quite similar to a crucial step in cloning, but it also differs in important ways.

To make a clone like Dolly the sheep researchers start with a fertilized egg and remove its nucleus. Then, they replace the nucleus with a cell from an adult animal, electrically stimulate the egg to start its development and implant it in the prospective mother's womb.

## WEATHER

### 'Evil Empire' Strikes Tonight

By Cegeon J. Chan

No, I'm not talking about the Yankees, but I am referring to a weather system that will give us rain, wind, and much cooler conditions. The origin of this storm started in Colorado; during this time of the year it is common to have low-pressure systems form on the leeward side of the Rockies, swing through the Gulf states, and sweep through the eastern seaboard. As it journeys into the southern U.S., most of their moisture is gleaned from the Gulf of Mexico.

However, for this particular storm, I expect it to stay northward enough so that the moisture content will be kept at a minimum. The timing of this storm couldn't be any better. Rain will start late tonight with light showers.

During the overnight hours, expect heavy rainfall. The rainfall will stop by the end of the morning commute.

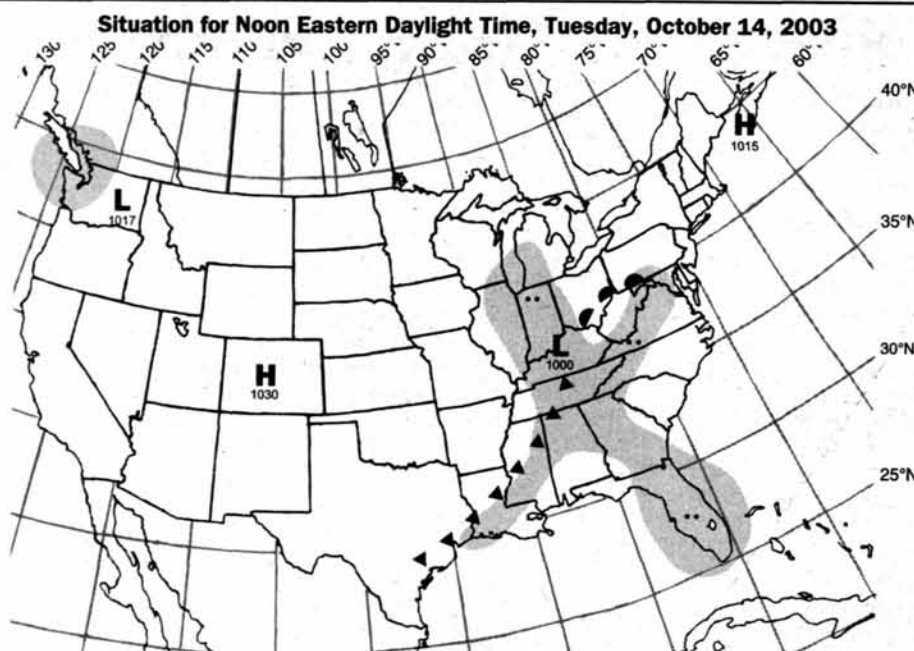
Once the "Evil Empire" exits, it will crush our chances to regain any warmth comparable to what we had on Monday. The main reason will be the strong northwesterly winds that will persist for the remainder of tomorrow. This cold-air advection will knock off about 5-10 degrees from our normal high of 63°F for the remainder of the week. After Wednesday, temperatures will struggle to reach in the mid-upper 50s F. So make sure you enjoy the good weather of today while it lasts.

#### Extended Forecast

**Today:** Mostly sunny to start. Clouds on the increase. Highs near 70°F (21°C).

**Tonight:** Showers developing, with a chance of thunderstorms late. Rain may be heavy at times. Breezy. Lows in the mid 50s F (13°C).

**Tomorrow:** Rain tapering off by noon, then turning partly sunny. Winds 15-20 mph. Highs in the lower 60s F (16°C).



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	- - - Trough	☁ Snow	☁ Fog
L Low Pressure	—•— Warm Front	☔ Rain	⚡ Thunderstorm
§ Hurricane	▲▲▲ Cold Front	☂ Light	☁ Haze
	▲▲▲ Stationary Front	☂ Moderate	
		☂ Heavy	

Compiled by MIT  
Meteorology Staff  
and The Tech



# Incoming Student Surge Causes Crowding in New York Schools

By Elissa Gootman  
THE NEW YORK TIMES

NEW YORK

John F. Kennedy High School, a sprawling, eight-story building in the Bronx, has 4,590 students this year, 1,200 more than last. Lunch starts at 9:21 a.m., and all three of the cavernous cafeterias are packed until it ends more than five hours later.

"When the bell rings in this school, there is not an inch on any floor where you can walk," said the principal, Anthony Rotunno. "It's a mass of humanity moving from one place to another."

At a time when city education officials are moving aggressively to create small high schools, most of New York's 30 or so biggest high schools are at or over their limits.

In these schools, classes are being held in libraries, conference rooms and even a principal's office. Hundreds, union officials say, are over the limit of 34 students. To cope, schools are stretching their days from dawn until after dusk, a system that blocks some afternoon

students from joining certain sports teams or holding their usual after-school jobs. And when the bells ring between classes, the extra students competing for space in hallways and stairwells is raising the level of tension.

City officials say most of the problem has to do with a 7,000-student surge in the incoming ninth grade population and a longstanding need for more high school space. But principals say the demographic influx has been compounded by the phasing out of several large failing high schools and the creation of new small ones, some of which have taken root inside the very schools that were already at or over their limits. A small additional factor is the impact of a new federal law that allows students to transfer from schools deemed failing.

City Department of Education officials say that while that may be the case, the large schools' suffering is in part a result of efforts to improve the system overall.

"They are growing pains, and we

need to do it better," said Michele Cahill, Schools Chancellor Joel I. Klein's senior counsel for education policy. "This is a transition year."

Cahill said a new office set up last month to handle enrollment and student placement issues would work to improve things in the future, saying, "We obviously think this is important, and we want to address it."

Nonetheless, critics say the surge in incoming ninth graders was predictable and should have been addressed. They say this year is going to be among the most painful in recent memory for high schools citywide that have more than 3,000 students — small cities to begin with.

For principals, it is a time of frustration and improvisation. For students, in many cases, disappointment.

At Christopher Columbus High School in the Bronx, which has 3,700 students, about 300 more than last year and 500 more than the year before, officials scrapped plans for overlapping sessions and took the drastic step of splitting the school into two separate shifts.

# Fees, Business Practices of Credit Counselors Under IRS Investigation

By Jennifer Bayot  
THE NEW YORK TIMES

The Internal Revenue Service is investigating the business practices of nonprofit credit counseling services, which advise millions of people in debt.

The investigation could jeopardize the agencies' nonprofit status and upend the industry just as a proposed change in federal bankruptcy law stands to steer many thousands more people to debt counseling. As nonprofits, the agencies are now exempt from dozens of state and federal regulations.

The IRS, the Federal Trade Commission and state regulators plan to issue an unusual joint advisory on Tuesday warning consumers to be wary about the total costs when seeking help from tax-exempt credit counseling organizations.

"Consumers need to know not to read too much into not-for-profit status — that's no guarantee that someone is legit," said C. Steven Baker, director of the Federal Trade Commission's Midwest operations. "A lot of these credit counseling companies are using tax-exempt status as a get-out-of-regulation-free card. That's why we're teaming up with the IRS on this issue."

Consumer advocates say that the actions are long overdue, and many credit counselors say they welcome the scrutiny because they believe some new entrants are giving the entire industry a bad name.

An estimated 9 million people sought the help of credit counseling services last year, according to the National Consumer Law Center and the Consumer Federation of America. From these and earlier inquiries, at least 1 million people have consolidated their debts, and are now making a single payment each month to the agencies, which distribute the money in turn to creditors.

The IRS declined to identify the agencies it is investigating. In a rare disclosure about its enforcement efforts, though, the tax agency said it was auditing "a significant number" of the country's credit counselors and is conducting a more rigorous review of new ones that apply for tax exemption. The agency is examining the fees charged to consumers, the salaries paid to officers and a host of transactions with for-profit companies.

Illinois and Missouri have sued AmeriDebt, one of the biggest agencies, saying it charges excessive fees and diverts money to compa-

nies that are affiliated.

A close look at tax records and other documents shows that some executives of Cambridge Credit Counseling and Consolidated Credit Counseling also have relationships with companies that they pay for various services. If any of these companies are found to be improperly benefiting for-profit companies, they risk losing their nonprofit status.

Cambridge and Consolidated say that there is nothing improper about their business relationships and that they have been examined by independent parties.

"We take a dim view of the use of the tax code by credit counseling groups to game the system, and are concerned by recent developments," said Mark W. Everson, the IRS commissioner. "Those groups that are using the tax code to skirt consumer protection laws should think twice. We will work with other federal agencies and state regulators to combat abuse in this area."

To be exempt from taxes, a credit counseling agency must limit its services to poor customers or must primarily provide education and counseling to the public, the IRS said. Simply enrolling people in payment plans is not enough.

# Three U.S. Soldiers Killed in Attacks, Iraqi Governor Targeted with Bomb

By Ian Fisher  
THE NEW YORK TIMES

ABU SAIDA, IRAQ

Three American soldiers were killed in the volatile area north of Baghdad, the military reported on Monday, and a roadside bomb in this tiny village narrowly missed a provincial governor on his way to work.

The attack on the governor in Abu Saida, north of Baquba, which is northeast of Baghdad, followed several familiar patterns in the scores of attacks in recent weeks.

It was carried out with a powerful bomb planted just off the road, apparently detonated by remote control, and it was aimed at an Iraqi official who some local people said had been deemed a collaborator with the U.S.-led occupation forces. In this case the intended victim appears to have been the governor of Diyala province, Abdullah Shahad al-Jaburi.

"The people regard him as an American, as an agent, as a spy for the Americans," said Munthir Abdel

Hadi Abbas, 25, a local man. "The people look at the Americans as an enemy."

Jaburi was driving in a convoy from his home to his office in Baquba, the province's capital, when the blast went off, after 8 a.m. The blast tore a hole in the ground, heaving up the earth, buckling the pavement and cutting several power lines. Two Iraqi policemen were reported to have been injured. A witness said the blast had been powerful enough to flip over a Mercedes traveling in the opposite direction.

Baquba is one of the easternmost towns in a volatile area north of Baghdad, which has large pockets of people still loyal to Saddam Hussein and has been a center for attacks against U.S. troops and others regarded as cooperating with them.

The three U.S. soldiers, whose deaths brought to 97 the number who have died in combat since President Bush declared an end to major hostilities in May, were also killed in that area.

On Sunday night one soldier was killed when his vehicle hit a land mine in Beiji, about 120 miles north of Baghdad, the military reported. On Monday, another soldier was killed when an attacker fired a rocket-propelled grenade at a U.S. military patrol in Tikrit, Saddam's hometown.

About noon on Monday, near the town of Jalula, northeast of Baquba, one soldier was killed and two were wounded when their convoy hit a roadside bomb.

The military revised the death toll in the suicide bombing on Sunday at the Baghdad Hotel, saying eight people had died in the blast. Many members of the Iraqi Governing Council, the U.S.-appointed governing body in Iraq, and some U.S. contractors stay in that hotel when they are in Baghdad.

Lt. Col. George Krivo, a military spokesman, said the dead included four Iraqi police officers assigned to protect government sites and two civilians who were there.

# Supermarket Strike Affects 859 California Stores

THE NEW YORK TIMES

LOS ANGELES

Store shelves appeared fully stocked but the aisles were largely empty of shoppers as a supermarket strike at the biggest grocery chains in southern and central California entered its third day on Monday evening.

Picket lines were set up outside hundreds of supermarkets starting Saturday night as United Food and Commercial Workers members walked off the job here for the first time in 25 years. The strike was called against the Vons and Pavilions chains, which are operated by Safeway Inc. The owners of their chief competitors, Albertson's and Ralphs, locked out UFCW workers as part of a joint negotiating strategy.

The action affects 859 stores and 70,000 workers.

Oscar Herrera, 30, an inventory control clerk at a Vons market in the Echo Park section of Los Angeles, said that picketing had turned away about half of the market's customers. "The other half are getting a couple things," he said. "That's all we ask. All we ask is you keep shopping to a minimum and try not to come back until this is resolved."

There did not appear to be any panic buying, in part because the Los Angeles metropolitan area has numerous other grocery outlets, including Costco, Gelson's, and Stater Bros.

While the disruptions from the grocery strike appeared minimal, Los Angeles commuters could be in for considerable misery starting Tuesday morning. Mechanics for the city's Metropolitan Transportation Authority said Monday afternoon they would go on strike at midnight after talks failed to resolve differences over the transit authority's contribution to the union health fund.

# Pentagon Examining Suicide Rate Among Soldiers Stationed in Iraq

THE NEW YORK TIMES

WASHINGTON

Army officials sent mental-health experts to Iraq last month to study cases of suspected suicide among ground troops, and to determine whether sufficient counseling was available for soldiers, a Defense Department official said on Monday.

Pentagon officials are trying to determine whether the reported suicides can be attributed to combat stress or to the growing length of tours in Iraq, or whether the numbers of deaths attributed to self-inflicted wounds are in keeping with suicide rates within the military when not deployed.

USA Today, in an article on Monday about the work of the new Army mental-health team, quoted military officials as saying that at least 11 Army soldiers and three Marines had committed suicide in Iraq over the past seven months.

# Promoting Flu Shots for All

THE NEW YORK TIMES

Health officials across the United States, concerned that the public has become complacent about the potentially serious complications of influenza, have mounted an aggressive campaign to persuade as many people as possible to be vaccinated this fall.

"We've had three relatively mild flu seasons, and I think people have short memories and may forget how ill they can get from influenza," said Dr. Carolyn Bridges, a medical epidemiologist and flu specialist at the Centers for Disease Control and Prevention.

But this will also be the first post-SARS flu season, and health authorities have been debating how people's fears about the new disease will affect the vaccination push. They also worry that simultaneous outbreaks of influenza and SARS, should it return this winter, could overwhelm the health care system.

Some say that SARS, or severe acute respiratory syndrome, has raised public awareness of respiratory illnesses in general and could spur demand for the influenza vaccine.

Flu vaccination rates, even among groups most at risk for serious influenza episodes, routinely fall well below 50 percent.

"People are reading and seeing a lot more than usual about respiratory diseases, and we hope that will lead to increased interest in individuals' stepping forward and getting immunized," said Dr. John Agwunobi, secretary of the Florida Department of Health.

Many also believe that a successful vaccination campaign, by reducing the overall number of people flocking to doctors' offices and emergency rooms this winter, may make it easier to distinguish true cases of SARS, which has early symptoms that mimic those of flu.

"The initial presentation of influenza and other winter respiratory viruses, including SARS, can be for all intents and purposes identical," said Dr. William Schaffner, a professor of preventive medicine at the Vanderbilt University School of Medicine in Nashville, Tenn., and a director of the National Foundation for Infectious Diseases, an educational group.

# Suit Over Injury to Whales Ends in Deal to Limit Navy Sonar Use

THE NEW YORK TIMES

The U.S. Navy has reached an agreement with environmental groups that restricts the use of a powerful new sonar system that could injure marine life to an area in the western North Pacific Ocean.

Environmentalists in California sued this year to stop the Navy from developing its new low-frequency active sonar system, often called LFA, which is more far-reaching than the midfrequency sonar system that has been blamed for mass whale beachings around the world.

The agreement, reached last Wednesday, does not ban the use of the sonar system but limits its use to specific areas near the eastern seaboard of Asia. The restrictions would not apply in time of war.

The Navy must avoid using LFA along the coastline in that region, as well as restrict its use during migration periods for species like the humpback and Western gray whales, said Joel Reynolds, a senior lawyer at the Natural Resources Defense Council, an environmental group and one of the plaintiffs in the lawsuit against the Navy.



# OPINION



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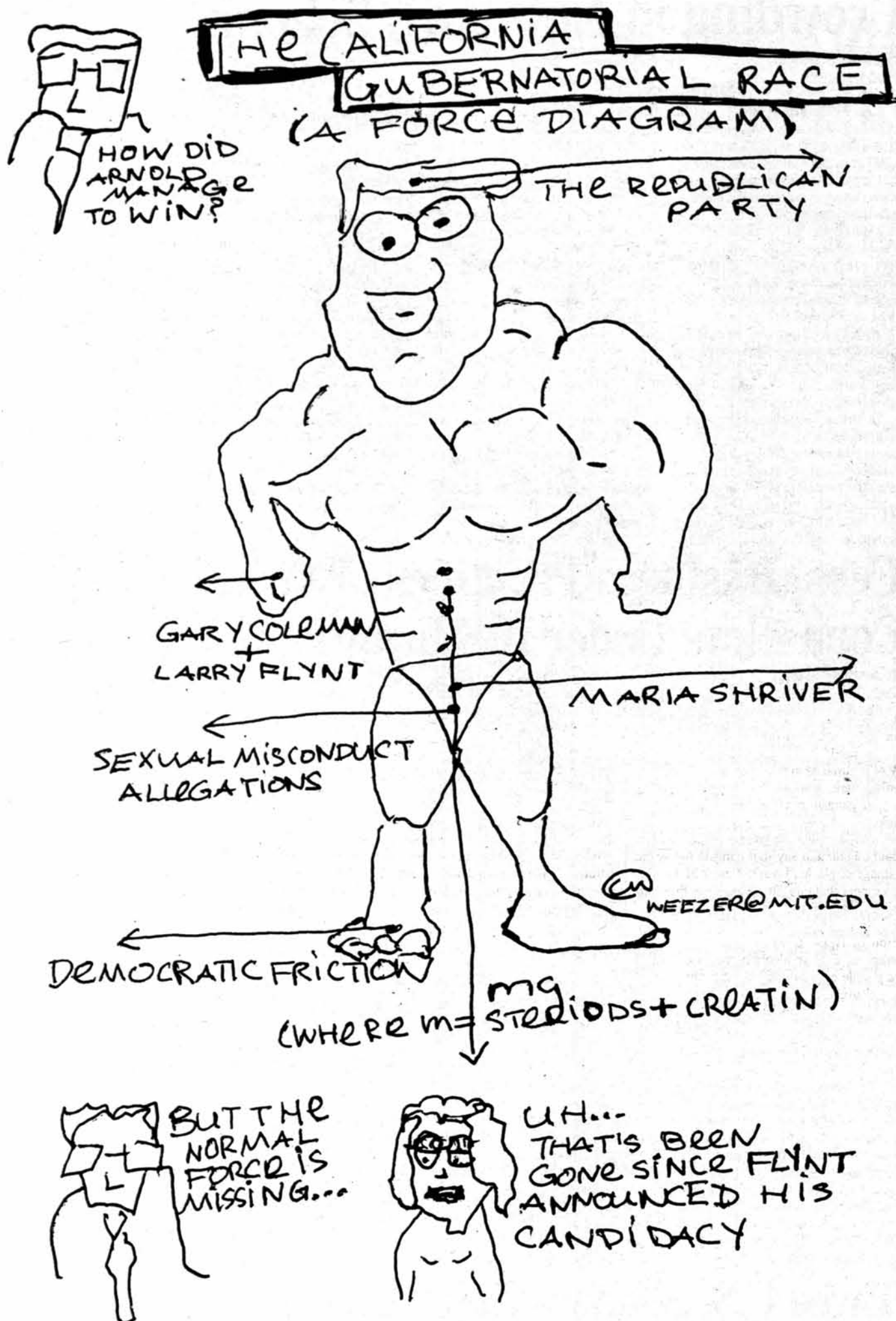
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## Errata

A Friday article ["Smoking Ban To Impact Dorms"] misstated the order in which smoking bans were enacted in Cambridge and neighboring cities. Boston enacted a workplace smoking ban in May, and Cambridge and Somerville passed similar measures in June. The Cambridge and Somerville smoking bans took effect on Oct. 1.

The article also misspelled the surname of the assistant director of housing operations. He is Carl A. Seagren, not Seagran.

Because of an editing error, the article also used an incorrect pronoun for Anjuli J. Willmer '07. She is female.



# Racism Is Not a Fashionable 'ism'

Saundra Quinlan

With regards to the opinion article published on Oct. 10 ["Stereotypes and Censorship"], it is true that there are words which could be interpreted differently than how they were meant to be interpreted. Nonetheless, that does not give one an excuse to use that language when one is fully conscious of how these words can be interpreted. Words do have power, regardless of how people interpret them. Such words indicate a lack of knowledge and display ignorance. Ignorance has power. It can be translated to injustice in the classroom, the workplace, and in many other aspects of daily life.

Blacks make up 12% of the nation's population, but a mere 6% here at MIT. I believe this discrepancy is a direct result of racism and racism's institutions. Racism is not a fad, nor is it currently fashionable because of recent debates about affirmative action. Racism has been "fashionable" for hundreds of years, and as far as I can see, it's never going out of style.

Although the e-mail about the Ghetto Party did not outwardly target blacks (minus the mention of "yo niggas," which also is debatable), one can conclude that these stereotypes did have a racist connotation to them.

Let's say the ignorant are given the benefit of the doubt. Let's say they do not know many black people personally and base all their perceptions of blacks on the images of rappers, which in itself is a poor excuse; there are many other images in mass media that one can formulate their opinions on. Using the popular culture of gangsta rap and hip hop to formulate jokes is a conscious decision.

Let's say we give the ignorant the benefit of the doubt again and say that gangsta rap is the only image of blacks; I can not think of a mainstream rapper that raps about trash can fires and promotes litter. Rarely does one hear mainstream rap about 40's; if anything, you hear the mention of Hpnotiq and Cristal more often. Nonetheless, does an alcoholic beverage represent a people or a culture? If these stereotypes were poking fun at gangsta rap the e-mail would have actually mentioned things that are prevalent in rap. Since it didn't contain many of these things, their words can easily be associated as a racial and socioeconomic attack.

I am upset, not only that the situation with the Ghetto Party occurred, but that I am repeatedly learning how much ignorance prevails on our campus. Hearing people say "racism does not exist" hurts me deeply. What can we do to educate people, and make them aware of issues that affect individuals daily? I do not know. I have been trying to educate ignorant people since kindergarten and quite frankly, I am getting sick of it. Educating the ignorant takes not only a teacher, but students willing to learn.

Although you can find points that I make with which others agree, by no means do my words represent the entire black community. I am only one person representing herself. I just want to bring to the forefront that there are people upset and offended by this whole incident, both blacks and non-blacks.

Saundra Quinlan is a member of the class of 2005.

# Discourse, Not Discipline Needed in 'Ghetto' Issue

Kai-yuh Hsiao

The events surrounding the "Ghetto Party" incident last week have stirred up all sorts of public sentiment around campus, ranging from sheer outrage to mild indifference. But the most important thing is that it got people talking. I've seen discussions happening around campus where people are really speaking their minds, sharing their backgrounds, and understanding each other just a little bit better. I've seen people coming to terms with generation gaps, racial differences, and cultural divides.

And I would expect no less from a reputable school of higher education. If there were a place where people could come together, share ideas, and arrive at mutual understanding, I would hope this would be the place.

The administration and our student leaders have expressed their intent to seek official sanctions against the organizers of the Ghetto Party. However, I argue that disciplinary proceedings are redundant at this point. Ostensibly, the purpose of official punishment is to educate and to deter. But the education and the deterrence has already taken place, thanks to the community response and the resulting conversations.

In fact, the organizers, and many other people, including some of the offended, have learned a great deal about people from other backgrounds, and have discovered the large range of effects that words can have on other people. I have confidence that this experience is enough to serve as both education and deterrence.

If those who were offended need further evidence, I ask that they invite the students to lunch and have a conversation of equals. In such a situation, both sides stand to benefit from the other.

Thus, as a free-thinking academic community, things have actually gone about as well as we could hope. An e-mail was sent that some found offensive, and student and administrative leaders immediately stepped forth to rally the community, condemn the message, and open the topic for discussion.

But to bring official sanctions into the picture is a whole different matter. A punishment handed down for an act of speech necessarily implies limits on free speech, and this is dangerous.

Race relations are a tricky issue in America, and the only viable long-term solution is to gradually allow people to understand and accept one another. And this is only possible if people are free to speak their minds. While it is lamentable that this involves some expressions of hatred and confusion, only with those ideas in the open can we as a community discuss them and come to consensus.

People are not static and unchanging. We all learn and develop over time. If there were a place where people could be trusted to openly express their thoughts, have them critiqued and evaluated by their peers, and adjust their beliefs as a result of rational discourse, it should be here at MIT.

And I have stood on both sides of the issue. I have to deal with racial slurs directed at me on a semi-regular basis. But after I get over my irritation, I walk away. Wishing harm or punishment on the perpetrators is irrational, and will only increase resentment on both sides in the long run. Over the years, I have personally noticed the cultures throughout

America mixing more and more, and with this trend comes acceptance and understanding. Only time and patience will complete that integration.

I am not saying that if I were physically beaten, I would not seek legal recourse. Physical harm and targeted harassment are a whole different category. But speech, words, and ideas are not in that category. What we are dealing with in this particular situation is an e-mail that was meant to be humorous, and ended up being unintentionally offensive. If all kinds of speech cannot be freely expressed and discussed in a community of scholars, then we are effectively giving up our very claim to scholarship.

To those of you who were offended: I understand your pain, and I know you are enraged and upset. But for your own sake, do not hide behind a wall of disciplinary action. Meet with the people who offended you, and try to understand them and allow them to understand you. The students involved are trustworthy members of your own community, not faceless evil-doers cloaked in darkness. People cause each other pain because of lack of understanding, not because they are inherently evil. Meeting face-to-face will bring that understanding better than any official process ever could.

Things aren't too different in the real world, either. Last week, the board game "Ghettopoly" was pulled from shelves at Urban Outfitters. The people spoke up, and speaking up was all it took. People listened to each other. Neither legal action, nor fines, nor jail time was necessary; indeed, the First Amendment specifically bars the government from prosecuting against typical acts of speech, and this doctrine has been supported by the Supreme Court time and time again.

If the United States as a whole can work things out while allowing for freedom of speech, then I must assert that MIT does not need official sanctions and limits on speech either.

Our leaders serve as our role models, and their support and condemnations will always hold particular value for us. I encourage our student and administrative leaders to continue speaking out and stimulating discussion on the topics that bear on our lives. Within this framework, genuine education will result and people will naturally come to terms with one another. Our entire community is already richer from what we've learned from this incident.

However, I also strongly urge the administration to discontinue its disciplinary proceedings on this matter. Official sanctions will necessarily set a precedent barring people on this campus from speaking freely. Our leaders must speak, but they must not ban. Only with full freedom of speech can we have meaningful dialogue on important issues, and only by learning from such dialogue are people truly free to make educated choices, both in their own lives and in how they interact with others.

We need our leaders, both student and administrative, to look beyond their immediate feelings in order to adopt and to hold to the principles upon which America, academia, and free society are founded. MIT, as a reputable institution of learning, needs to set higher standards of freedom than the common populace, not lower.

Kai-yuh Hsiao is a graduate student in the Department of Media Arts and Sciences.

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## Letters To The Editor

### A Case Of Overreaction?

To the Editor:

I consider the invitations to the "Ghetto Party" to be in bad taste. I cannot help but feel, however, that there has been an overreaction towards the event. I strongly believe that MIT should pursue policies that severely punish outright forms of racial and cultural intimidation. My only hope is that the MIT community can differentiate shouting racial slurs from a rooftop from hosting a party poking fun at racial stereotypes.

It would seem that MIT has already reached that point by hosting Margaret Cho recently at Kresge. She is well-known for poking fun at various Asian stereotypes that even as an Asian I still find humorous. A transcript from her recent show would provide a similar demonstration of "racial insensitivity"

as the Ghetto Party invitation. The only difference is that Margaret Cho had MIT's (and possibly the UA's) explicit financial support.

Is the solution to ban all comedians, parties, and forms of satire regarding any racial, cultural, or sexual stereotypes? I would hope not; I'm planning an upcoming party poking fun at my Jewish and Asian heritage. All attendees will be required to act neurotic and wear volleyball pads.

Matt Notowidigdo G

To the Editor:

The silver lining on the otherwise putrescent cloud that is the EC "Ghetto Party" incident is that it seems to have generated a lively discussion of some important issues. While everyone's perspective is valuable, I offer three suggestions to future pundits on this subject.

1. You are not a lawyer. Every time I hear

some engineer get all worked up about "constitutionally protected freedom of speech," I want to laugh. It's about as dumb as some Harvard freshman using the Heisenberg Uncertainty Principle to prove the existence of God in Philosophy 101. Be honest — you have absolutely no idea whether the First Amendment limits MIT's ability to discipline students for sending offensive e-mails.

Perhaps the best example was Michael Star's otherwise humorless op-ed ["Opening: Department of Humor", Oct. 10]. Invoking the legal concept of "prior restraint," Michael apparently never bothered to look up the definition of the term "prior."

2. Unless you are a minority, or are poor, no one cares whether you think the party invite was offensive. I know it doesn't seem fair, but if you are some white kid from the suburbs (like me), your opinion just doesn't matter. Instead of rationalizing away other

people's feelings, try listening.

Related point: the fact that Chris Rock satirizes African-American culture, or that Margaret Cho makes fun of Asian people, or that the George Costanza character on Seinfeld mocks short, fat, bald guys — this is all totally irrelevant. Everyone gets to mock their own people. Here in America, that's a little something we like to call justice. The great thing about this system is that everybody gets to mock something. For example, I can mock crotchety old grad students who pontificate in *The Tech*, and you can mock smarmy undergrads who actually pay money to go here. See? Everybody wins!

3. Don't portray this as a generational issue. I grew up on MTV too, I have a better collection of hip hop than you do, and I'll destroy you on Playstation. That doesn't mean we have the same opinion.

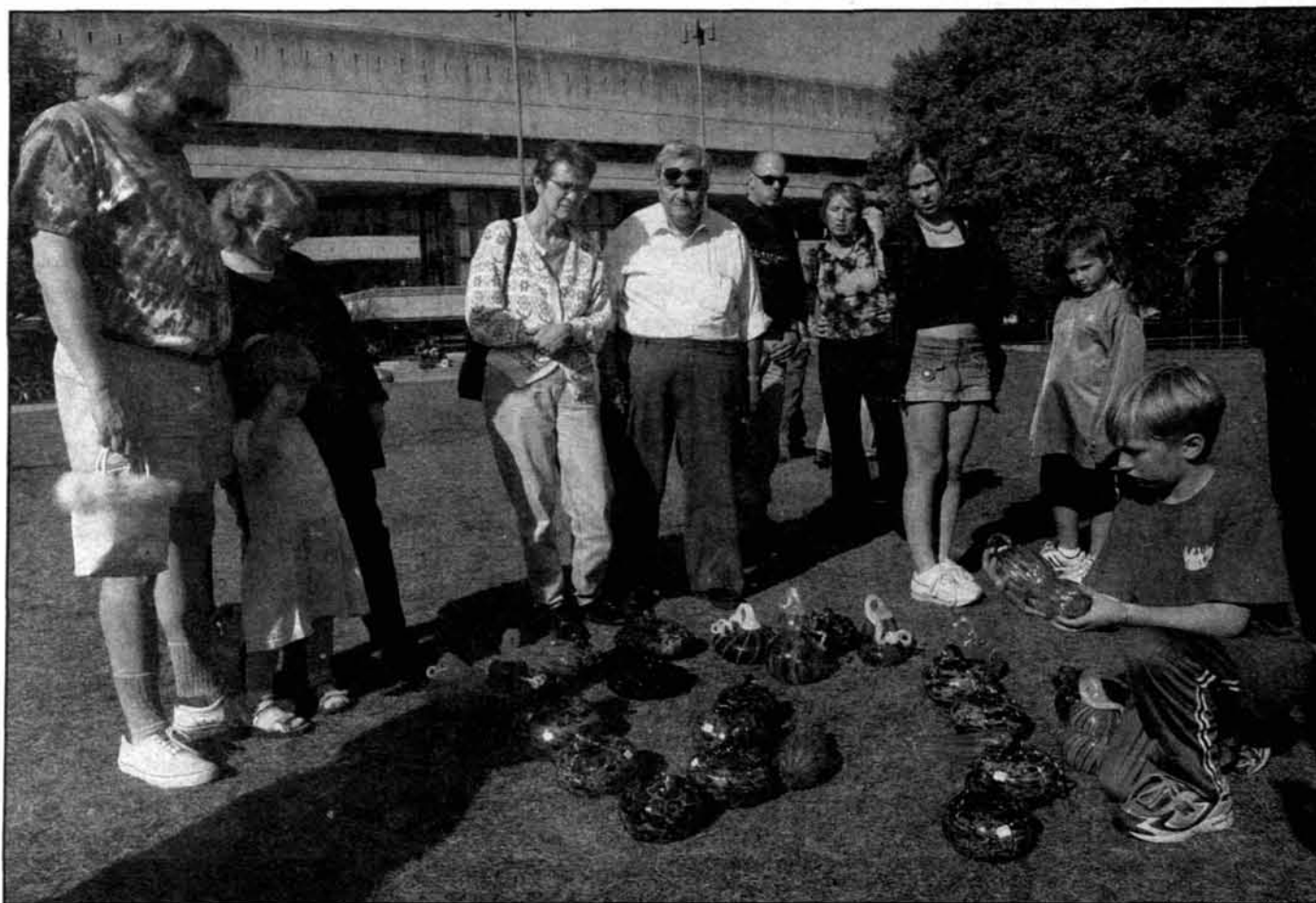
Jacob Eisenstein G



## FEATURES

## Pumpkins in Glass

## MIT Glass Lab Showcases Wares for the Season



A crowd gathers around the remaining glass pumpkins from the "Great Glass Pumpkin Patch" on Kresge Oval early Saturday afternoon. The MIT Glass Lab creates over a thousand pumpkins each year to sell at this event and uses the proceeds to keep glassblowing alive at MIT. This year, sales exceeded the most optimistic expectations; within hours, almost all of the thirteen hundred glass pumpkins were sold.

By Ruby Lam

How much do you know about MIT? Do you know that MIT has a glass lab? Do you know what it does?

For the third year in a row, the MIT Glass Lab held its annual fundraiser, the Glass Pumpkin Patch, this weekend. On Friday afternoon, many students and other members of the community stopped by the Kresge Oval

to appreciate the amazing creations from the MIT Glass Lab.

"Most of these items are from our students and staff at the lab," said Director of the Glass Lab at MIT Peter B. Houk. "We are here to promote glass art to MIT and the community. We have more than 1,200 items here. Most of the creations we sell here range from \$20 to over \$200. ... Some are really affordable."

The Glass Lab offers regular classes for

members of the MIT community. "We have classes at all levels: beginners, intermediate and advanced. Approximately 35 people take classes in the Glass Lab every semester," Houk said. "The beginners' class usually starts with learning to make paper weights and drinking glasses."

In addition to classes, Glass Lab experts also are occasionally involved with projects on campus. Creating the lighting fixtures at

Simmons Hall is one such project.

As a business student, I was very curious about how the different products are priced. It seems that size does matter, but that's certainly not the only criterion. Ones that involve a mixture of canes, or long ribbons of color that can be cut and inserted into the glass, were also amongst the pricier selections.

"If you look at the body of the pumpkins and find very well defined ribs, those are the more expensive ones," Houk said. He also showed me the creation of which he is most proud. "I used an old Venetian technique to create these color twists and patterns. I cut out different color canes, infused them into the mold, and turn it very quickly when I pulled it out from the oven."

This exquisite creation is one of the most expensive items for sale at the fair, priced at \$350.

Some of the smaller pumpkins I found were priced around \$20 to \$25, quite affordable for a student's budget.

One of the most interesting one I found was a zucchini shaped creation. "Canes of different colors were cut and infused in [the glassware] before pulling it out of the oven," Houk explained.

On Friday afternoon, the glass art was only on display and to be sold later in the weekend. "We did this because we want to give [the community] an opportunity ... to appreciate the creations," Houk said. "Last year, we sold out within half an hour. We only had 20 pumpkins left at 10:00 a.m. on Saturday, one hour after the sale opened!"

Last year's success thus provoked the change in policy this year. Still, would-be buyers were advised to line up early in the morning in order to get what they wanted.

Sure enough, the pumpkins were sold out within two and a half hours after sales opened, said Glass Laboratory faculty advisor Michael J. Cima. "This was definitely more amazing than last year," he said. Cima also mentioned that there were over 200 people waiting in line at the start. "One gentleman showed up at 8:30 a.m. with a big basket," he said.

As of press time, members of the lab are still trying to calculate the amount of funds raised, though Cima says it will be "substantial."

Handling next year's pumpkin sale is still a challenge for the managers. "I don't think we're going to make more pumpkins ... and turn it into a pumpkin-making business," Cima said. "These people are working as volunteers. We'd burn people out if we made much more."

Brian Loux contributed to the reporting of this story.

## Sex and the SafeRide

### Pubic Relations

By Alexia Summers  
COLUMNIST

I have this horrible fear of pubic hair, also known as chaetophobia. The stringy, coarse hairs induce my gag reflex every instance I see a characteristic unidentified specimen lying on the edge of the toilet bowl. After coming to MIT, these "sightings" have become much more frequent. It's probably due to the fact that I'm forced to use a public bathroom everyday. I've never come across any interesting colors, like red for example, but I've surely seen more than my fair share of the common variety.

Ever since I was a child, even before I had pubic hair, I knew I didn't want it. I couldn't understand why that region down there would inevitably sprout those curlicues. I dreaded the idea of them just appearing one day. But of course, I knew I would eventually have to face the consequences of human development. And I didn't like the idea.

As I grew older, pubic hair became more of a nuisance. Attempting to hide it in a skimpy bikini led me to try every type of hair removal: shaving, depilatories, plucking (this was a slow and painful process), waxing, etc.

All of these were irritating — some painful — and yet they only solved the problem temporarily. I desired a permanent solution, but how much did I want to remove and for how long?

Once I had my first serious boyfriend, the pubic hair issue became more of an embarrassment. What should I do about it? If I shaved it all off, would he like it or would he think I was really easy or that I got around? I didn't know what to do.

After thinking about the "situation" for a while, I realized I couldn't make this decision on my own. Instead, I spoke with many girlfriends about the matter. I was 16 years old at that time, but I guess most of us were going through the same dilemma. In the end,

we came to the general consensus that pubic hair was annoying and it had to go.

This philosophy satisfied me for a while. As I got older, I realized there was another side to the equation. Guys have pubic hair too — I just preferred not to think about it until I really had to interact with it. Then, my primary concern was that none of it became dental floss.

Until recently, I did not know that guys too think about removing the nuisance hair, but today I definitely could suggest some reasons why they should. I learned that some trim, while a select few shave everything completely bare. The funny thing is that it causes them a great deal more irritation.

A male friend of mine will provide an example to us all (or at least to those of us with a penis — the rest of us will just laugh). One day, this guy decided to try shaving — everything. At first, he described it as a "pretty good feeling." He liked his new look and decided his little experiment

had been a good idea after all.

A few days later, as expected, the hair began to grow back. The stubble caused him major itching and irritation, especially in the testicular area. Although he had a girlfriend at the time, he did this "just for the hell of it" without even knowing whether she would like it.

I laughed at him, saying, "serves your right for shaving for no reason." He quickly regretted his decision, but it was too late. He walked around for a few days like he had a pole stuck up his ass in an attempt to avoid any unintentional rubbing.

The lesson to be learned from all this pubic mischief is that the hair down there is a very personal matter. If you don't like the hair on your body, you can easily change it in a temporary and harmless way. If you're in a sexual relationship, why not discuss the pubic hair status quo with your significant other? In the end, you'll feel happier and more comfortable.

We'll show you how to get busy in the dark room.

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## ARTS

## CLASSICAL REVIEW

## The Art of Adagio with Haitink

## BSO's 'La Mer' Sparkles at Symphony Hall

By Brad Balliett

Boston Symphony Orchestra  
Bernard Haitink, conductor  
Emanuel Ax, piano  
Symphony Hall, Boston  
Oct. 9, 10, 11 at 8 p.m.; Oct. 17, 1:30 p.m.

It's possible that the Boston Symphony Orchestra might have delivered too much of a good thing on Friday night at Symphony Hall. With a first half consisting of almost entirely *Adagio* pieces, the diehard classical music fans were rapt with amazed attention. The casual listener was fast asleep.

The concert opened with Richard Wagner's Prelude to *Parsifal*, a forgotten gem of the German composer's output that served as the preface to his final opera. The piece is unjustly ignored as a concert piece — the long, monophonic theme that opens the piece (delicately scored for muted violins and cellos, bassoon, and clarinet) was enough to draw the breath of the average listener, and the sound that conductor Bernard Haitink drew from the strings instantly sucked the audience into the piece's spell.

Within the orchestra, principal guest conductor Haitink is loved best among a bevy of guest conductors that will continue to fill the seasons' bill until Music Director Designate James Levine takes over for good.

The concert continued with fragments from Claude Debussy's incidental music to the play *Le Martyre de Saint-Sebastien*, a collaboration with an outgoing Italian playwright that was a flop from opening night. The music was written hastily and, self-admittedly, rather sloppily. Debussy realized that he needed to supply a year's worth of music in two months and enlisted the help of pupil Andre Caplet to finish and orchestrate the pieces.

Thankfully, Debussy saved the best musi-

cal hunk of the play for a four-movement suite; Haitink led the first half of this suite on Friday. The delicacy of the winds playing in the first movement was admirable, but the second movement could have used a little more energy, so that the name "Dance of Ecstasy" would have been justified.

As it stood, the "Dance of Ecstasy" gave the first half of the concert a rather needed respite from the onslaught of *Adagio* movements. The first half closed off with a moving reading of the Prelude and *Liebestod* from *Tristan und Isolde*, the beginning and end to a very important Wagner opera.

The opera is particularly important for its role in the emancipation of chromatic harmony, which is evident from the opening unresolved cello line. This freeing of dissonance was largely responsible for the new school of twelve-tone music inspired in composers like Schoenberg and Stravinsky. The moving tempo in the *Liebestod* made a particularly nice contrast against the breathlessly slow Prelude. Principal oboist John Ferrillo's leadership in the opening woodwind chorales was as flawless as his unmatched legato playing.

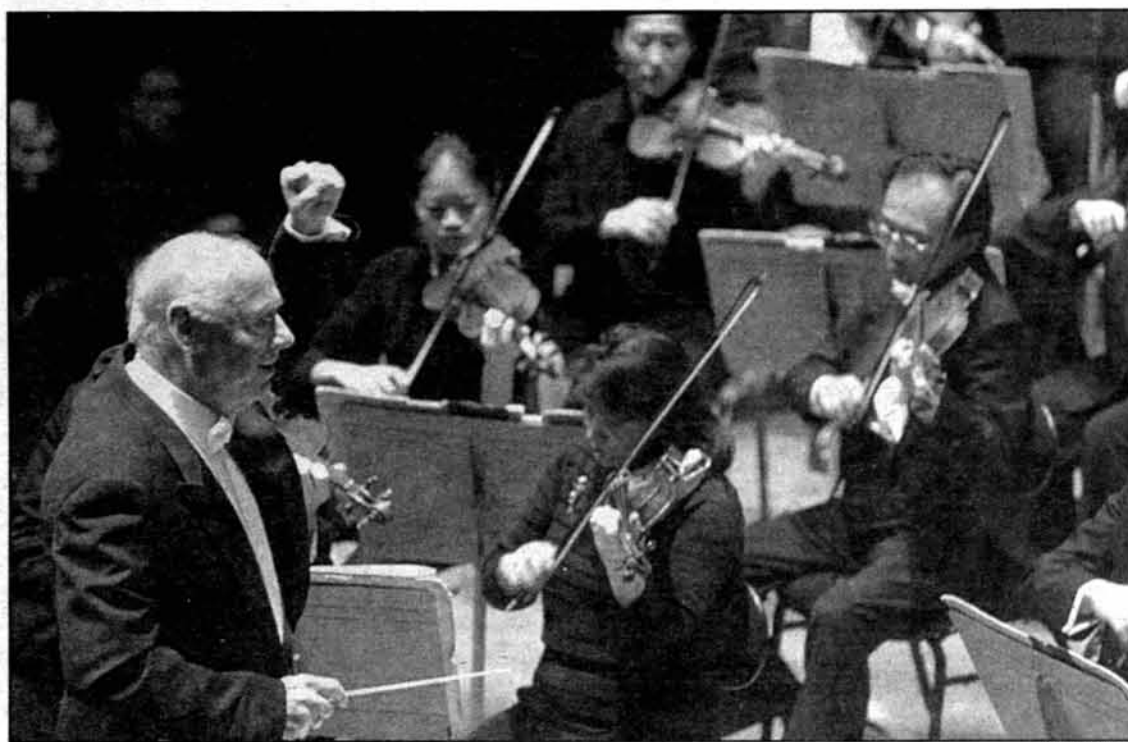
(A side note to audience members: even when a piece is played that beautifully, if it ends

that softly, it is acceptable to wait longer than 3/8ths of a second before applauding.)

The second half of the program was headed by a piece well-known to Cesar Franck fans but unknown to the rest of the free world — the *Symphonic Variations* for piano and orchestra. Piano superstar Emanuel Ax was at the helm, but the dry, academic construction of the music sank the ship before it really got sailing, despite the committed captainship of Haitink and an admirable crew of brass players.

Without a doubt, the highlight of the evening was the expert reading of Debussy's *La Mer*, arguably the most important musical work of French Impressionism. The piece served an important role in introducing non-functional harmony to orchestral music, a practice initially decried by both critics and public.

It didn't take long, however, for *La Mer*, possibly Debussy's most popular composition (right behind *Clair de Lune*), to gain a stable place in the concert repertoire. Haitink used the orchestra's trust in him to his full advantage in order to draw a sumptuous tone from the strings, especially in the four-part cello chorale in the middle of the first movement. Climaxes were exciting and well timed, and the orchestra's enthusiasm in the last bars was enough on its own to draw the audience to its feet.



Principal Guest Conductor Bernard Haitink conducts the Boston Symphony Orchestra. The performance of works by Wagner, Franck, and Debussy also featured pianist Emanuel Ax and will be repeated this Friday.

## FILM REVIEW ★

## Intolerable Banality

## Coen Bros.' Latest Marriage Needs Serious Counseling

By Jed Home

STAFF WRITER

*Intolerable Cruelty*

Directed by Joel and Ethan Coen

Written by Robert Ramsey, Matthew Stone, and Joel and Ethan Coen

Starring George Clooney, Catherine Zeta-Jones, Cedric the Entertainer, and Billy Bob Thornton

MPAA Rating: PG-13

Suppose there is more than just a hint of irony in watching a movie about conniving divorce lawyers and gold-digging wives and leaving the theatre feeling cheated. *Intolerable Cruelty* is the product of the unholy union between Joel and Ethan Coen and TV writers Robert Ramsey and Matthew Stone — a marriage of convenience, perhaps, but one that will hopefully end in a swift divorce.

The best scenario I can figure is that the Coens, trying to spark that flame that made movies like *Fargo* and *Barton Fink* truly great, got a little extramarital help with the screenplay. Stone and Ramsey — poor writers, maybe, but not stupid — saw what any 25-year old woman sees in a rich, brilliant, older man, and figured they could give their careers a little push.

The result is as bizarre as Anna Nicole Smith marrying that old guy: a plot dumb enough for TV, a script half *The Big Lebowski* and half *JAG*, and a few laughs — although less intentional than at the expense

of the movie itself. Even the polish of George Clooney and Catherine Zeta-Jones can't hide what was clear from the start: these are vows that should never have been made.

Clooney is Miles Massey, a fast-talking divorce lawyer with a flair for the dramatic and an eye for the patsy. In the midst of a crisis of morality, he stumbles upon Marilyn Rexroth (Zeta-Jones), a serial divorcee and unapologetic home-wrecker. The two circle each other like vultures, guessing and second-guessing their intentions, tearing up and re-signing prenuptials, until finally (I'm not really giving much away here) they fall in love, whatever that means for two unrepentant misanthropes.

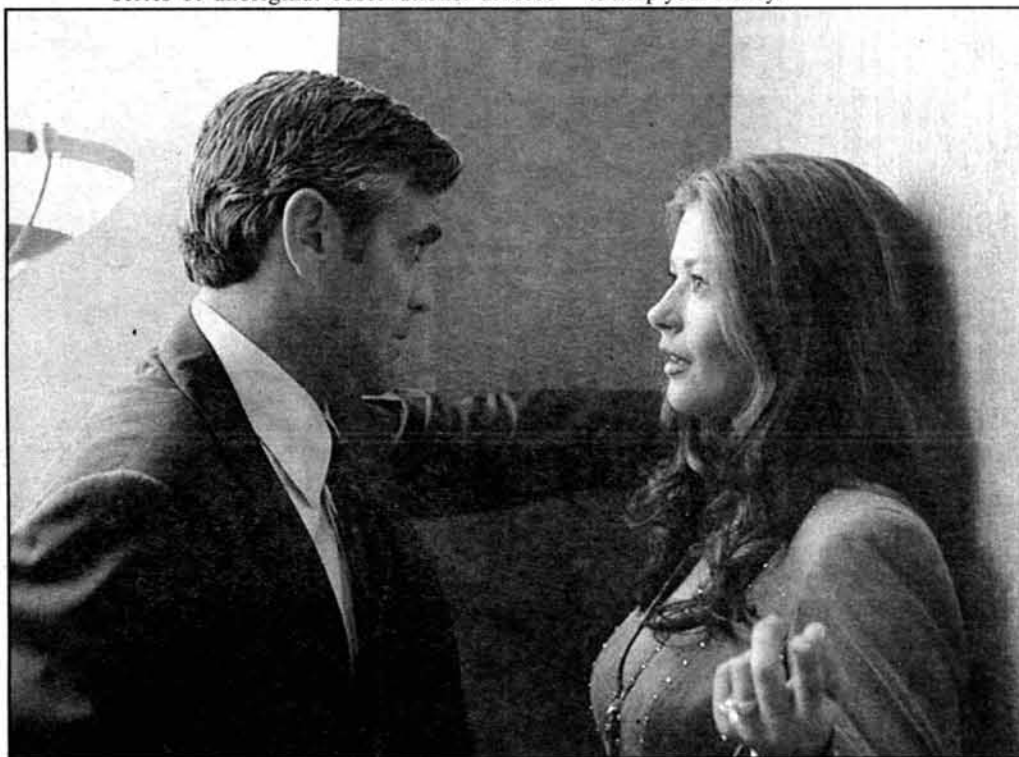
Like any Coen brothers movie, it's the subplots and the quirky characters that are worth watching — Massey's death-like elder partner and Rexroth's string of husbands are one more bizarre than the next — but without the help of Coen regulars like John Goodman, John Turturro, and Steve Buscemi, it's not quite the same. Also gloriously intact is the Coens' eye for a great name — theirs is a world populated by Heinz the Baron Krauss von Espy, Ollie Olerud, Tenzing Nor-gay, and an asthmatic hitman named

Wheezy Joe.

But where *Intolerable Cruelty* falls flat is in its choice of subject matter. The story, such as it is, is a flimsy backbone for a series of unoriginal observations: divorce

lawyers are leeches, women who grub money are stupid. Clooney and Zeta-Jones are sufficiently viper-like and cold to almost make these otherwise obvious truisms interesting, but, again, they fall back on an uninspired script and amateurish film making.

So at the risk of flogging an already limp metaphor, here's the way I see it: there's about as much sense in watching this movie as marrying a pill-popping wench for her looks — sure, the Coens' name might be seductive, but underneath this one's a real bitch. Better to keep your money.



The coupling of George Clooney and Catherine Zeta-Jones can't save *Intolerable Cruelty*.

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## THEATER REVIEW

# Food for Thought

## 'Chocolate in Heat' Leaves a Bittersweet Aftertaste

By Chikako Sassa

*Chocolate in Heat: Growing Up Arab In America*

Kresge Little Theater

Oct. 10, 7:30 p.m.

Written by Betty Shamieh

Directed by Sam Gold

Starring Betty Shamieh and Piter Fattouche

The Chocolate show was here at MIT. Betty Shamieh's critically acclaimed *Chocolate in Heat: Growing Up Arab In America* is currently touring college campuses nationwide, and the MIT Arab Student Organization's well-publicized effort drew a full house Friday night in Little Kresge.

*Chocolate*, a play consisting of five interrelated monologues — Need, Love, Ignorance, Sex, and Justice — sold out at the New York International Fringe Festival in August 2001, and garnered glowing reviews in prestigious newspapers such as *The New York Times* and *Time Out*. It is currently playing off-Broadway at the Tank Theater in New York and represents one of very few pieces of theater written by an Arab-American.

Crowds of excited theatergoers filed into Kresge Little Theater to find a disarmingly simple stage: two chairs, a table, and a few props strewn on the furniture. No curtains were drawn to sever performing and perceiving spaces, and no lights were hung to illuminate and contrast sharply the space that lie beyond the audience's reach. The sacredness of performance space thus summarily dismissed, Kresge Little appeared mundane, accessible, and open to intimate conversation between actor and audience.

But already the stage exhibited signs of nascent adventures. A champagne bottle and two tall flute glasses marked the controversial presence of alcohol. A red, aggressive pair of sparkling stilettos awaited their consummate dramatic moment. After a slight dimming of house lights and a moment of loud silence, the two actors slipped into their seats as if they had been there all along and poured champagne into their tall, fluted glasses. Then the mesmerizing explosion of movements and words unfold.

Betty Shamieh starred in three of the five monologues as vivacious and volatile Aisha. Her stage presence is at once earnest, delightful, and charismatic, and consequently makes Aisha endearing.

Shamieh alternately dances, acts, belts out her anger with a spoken word-like cadence and flits about the stage as if consumed by a flame from within.

Piter Fattouche, running the gamut from a suffering Jordanian prince to a South Carolina-born prostitute who chews with her mouth wide open, is incredibly versatile in his acting and manner of speech. His performance glows with a boldness that derives from confidence on stage, which in turn must have surfaced after his many years in New York City as a hungry actor making his way up.

Piter knows how to knead the audience: where to lengthen his pauses, where to suspend the rising excitement, and how to hold the audience's breath. Both actors are of equal and impressive caliber, no doubt marked by a serious and passionate commitment to theater that infects the audience.

The point of *Chocolate*, as Shamieh explained in a post-performance interview, is to present a show about humanity when her audience comes in expecting a show about Arabs. It is about transcending the "poor me" mentality of minority issues, and also about creating roles for Arab actors that do not involve desperate and violent manners of suicide.

How is growing up Arab in America different from the triumphs and tribulations of other second-generation immigrants? *Chocolate* promptly rejects this rhetoric of differences and our penchant for this rhetoric. Despite current misgivings toward Arabs and Arab-Americans in the popular media, and despite the obvious cultural nuances particular to individual ethnic identities, the Arab experience actually differs little.

Shamieh wanted to write a play with Arabs that focused on how their identity took shape within the current political climate, not simply focused on the political climate itself. The Arabs in *Chocolate* drink champagne and do not wear *hijabs* (head scarves). Here in America they have the freedom to party, expose the choreographed bouncing of bosom on center stage in a dance show, and use stilettos as weapons.

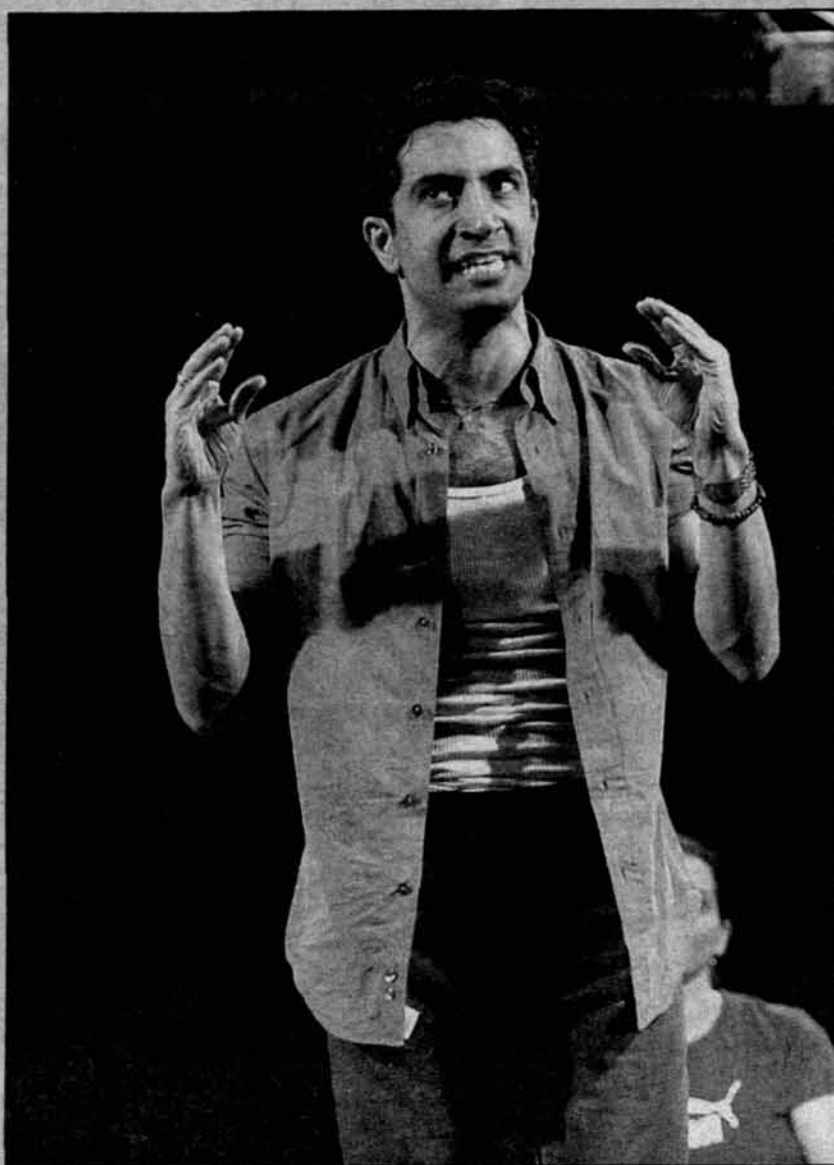
In the process of staking out a balance between inheriting the legacy of your ethnicity and being inherited into the racial melting pot of America, Arab-Americans encounter the same gritty, tangible human interactions that mark the day in the life of any other American.

This is not to confuse "Arab" with

"Muslim" as interchangeable: the difference in levels of comfort with which Arabs and Muslims consider a fellow Arab drinking and talking about breasts runs deep. An insightful friend (Muslim, in fact) pointed out to me that almost none of his friends from the Muslim Student Association were present.

A subsequent scanning of Kresge Little Theater revealed merely two women decked out in *hijabs*, one of whom was Aimée Smith PhD '02 of the Green Rainbow Party. Smith's pre-performance campaigning for the upcoming Cambridge City Council election was perhaps the most politicized moment in the evening.

At the crux of *Chocolate* was not politics, but passion — a passion as sticky and delectable as chocolate. Both Shamieh and Fattouche brought forth a charged and indeed passionate performance, and Kresge Little Theater reverberated with applause long after the final blackout had concluded the show.



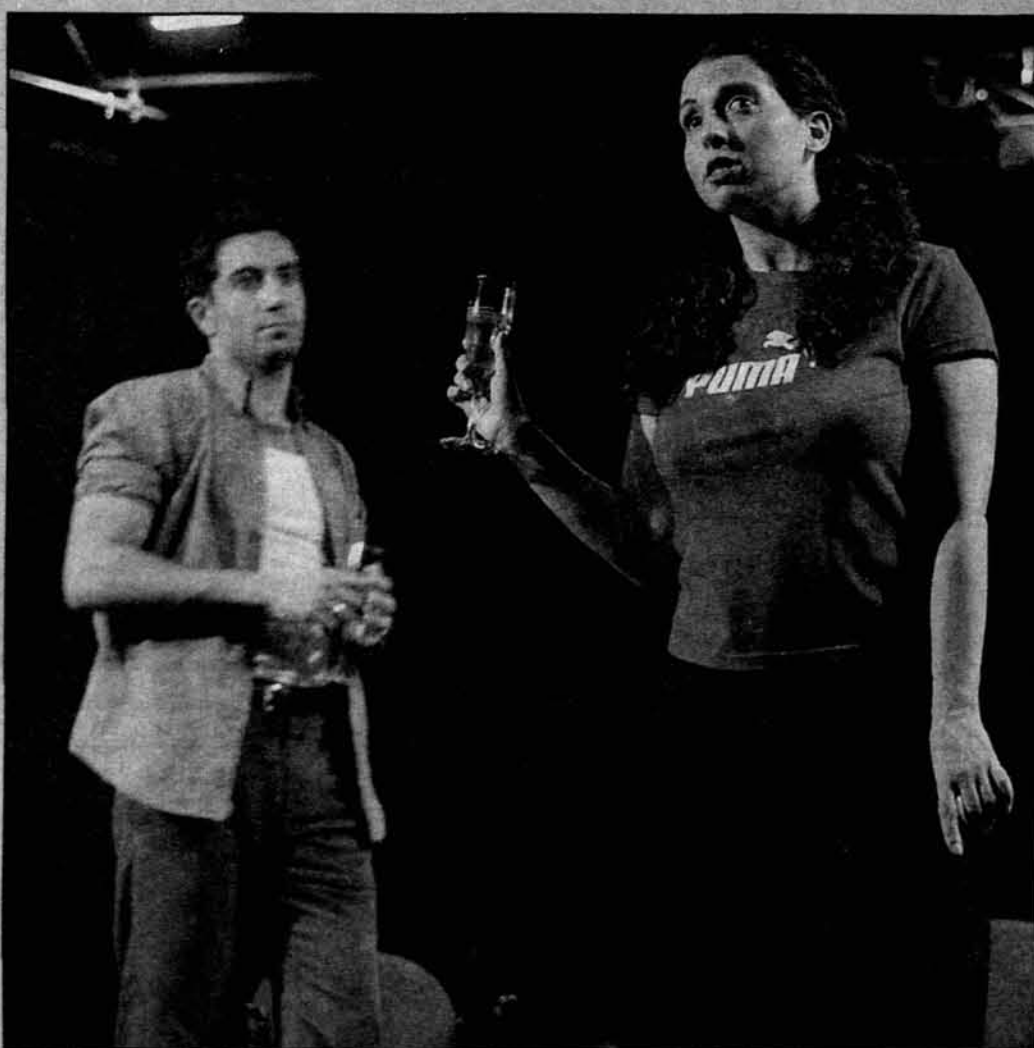
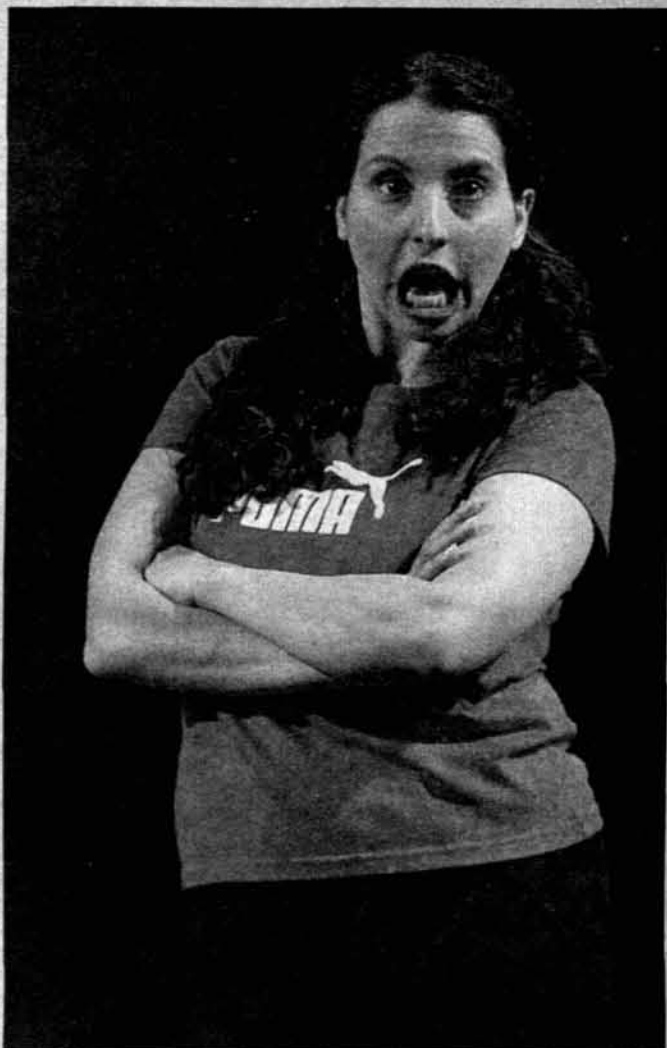
Betty Shamieh and Piter Fattouche starred in *Chocolate in Heat: Growing Up Arab In America*. Friday night's sold-out performance in Kresge Little Theater of the off-Broadway play, written by Shamieh, was sponsored by the MIT Arab Student Organization.

(top) Piter Fattouche plays an Arab-American man who is forced to deal with his feelings for a prostitute he has befriended.

(bottom left) Betty Shamieh portrays Aisha, an Arab-American girl and aspiring dancer, in one of three monologues.

(bottom right) Fattouche and Shamieh conclude their performance with a glass of champagne.

Photography by Eric J. Cholankeril





October 14,  
2003

# COMICS

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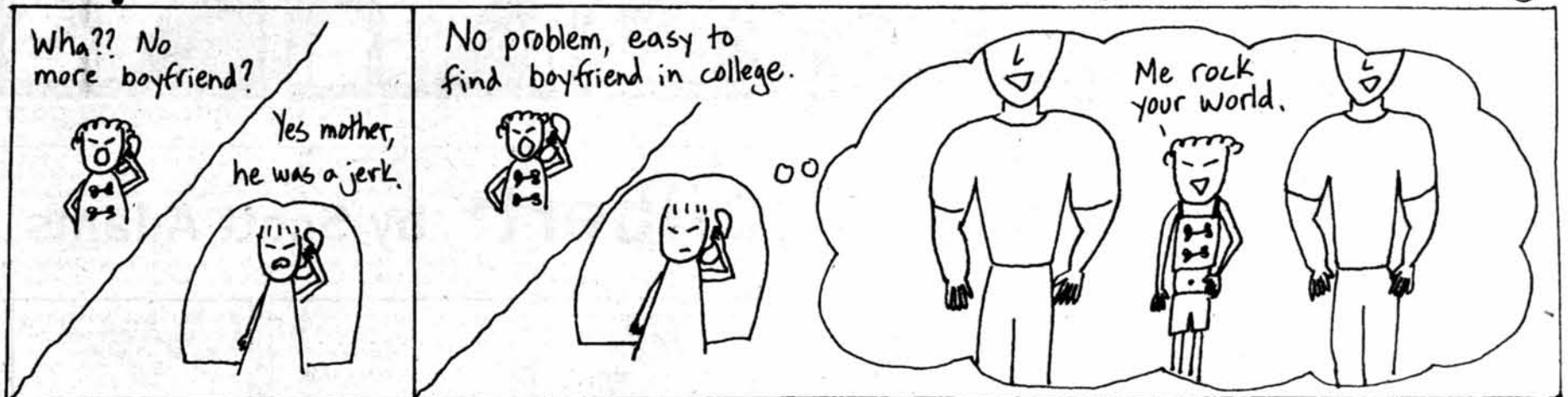
## FUN

Page  
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## PAGES

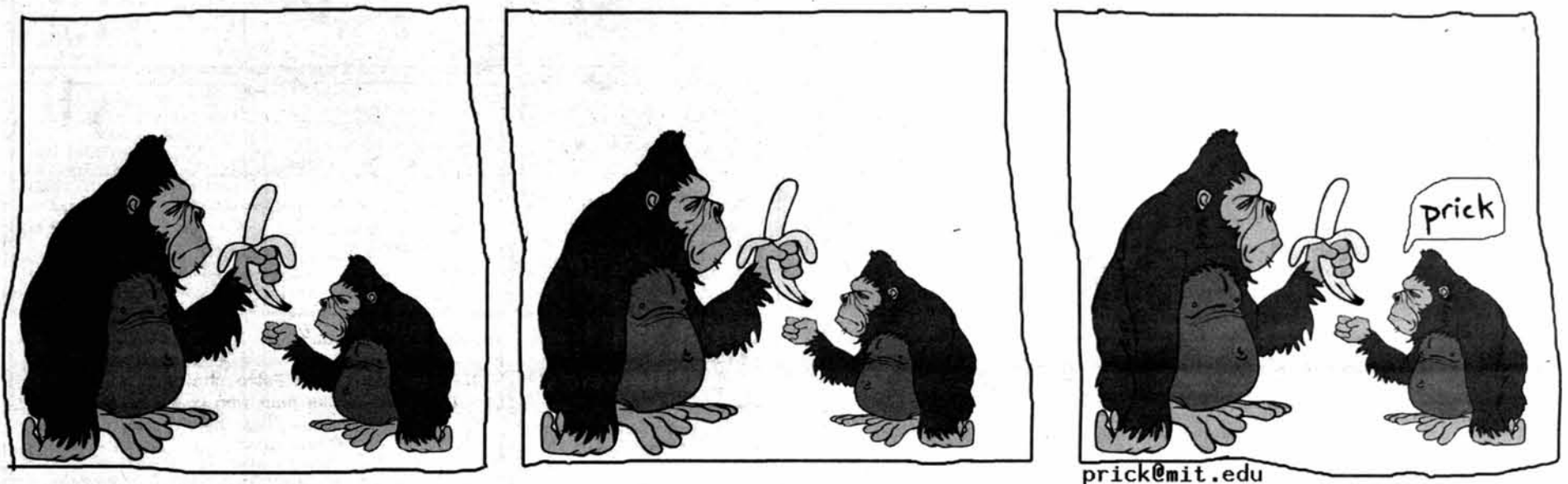
### Hay Fever

by. Qian Wang + Jennifer Peng



10-14-03

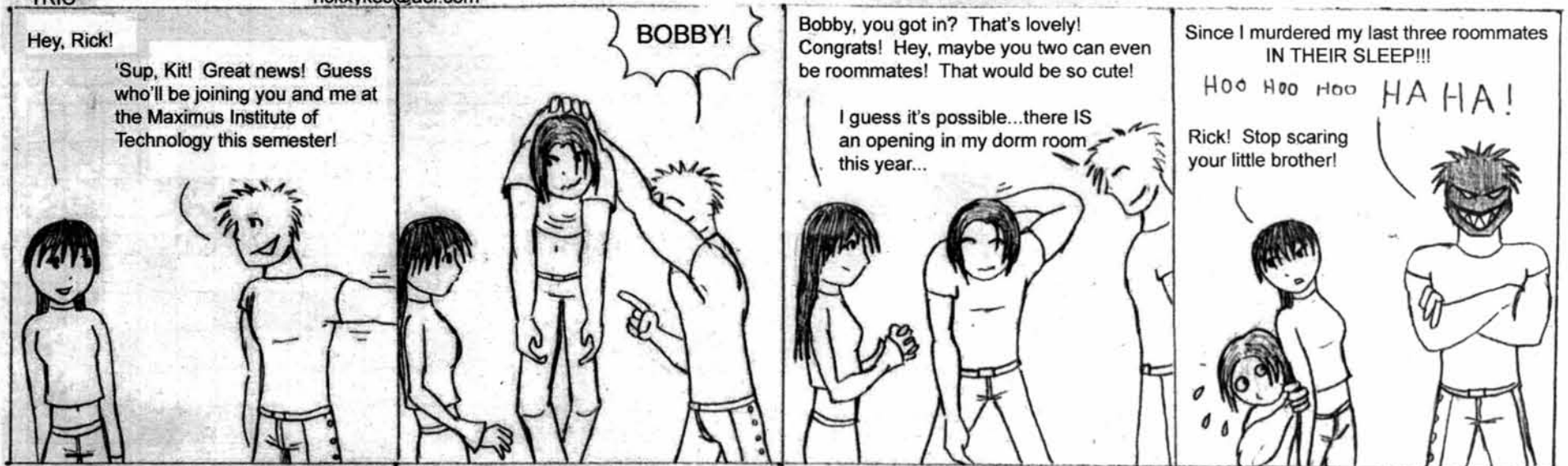
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511 Girls

Tina Hu



Up, down, charm,  
strange, top, bottom.  
Work it any way you want in  
Quark.

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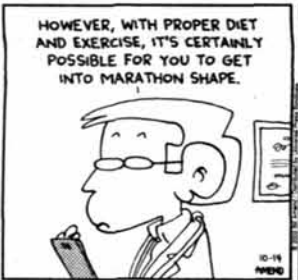
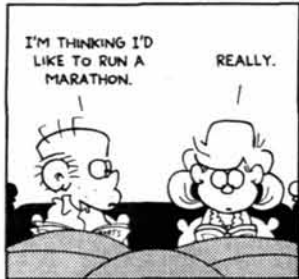
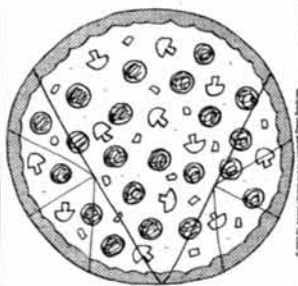
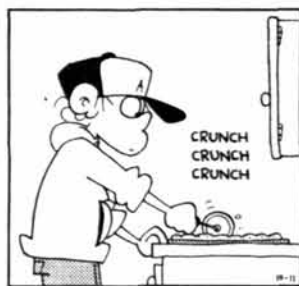
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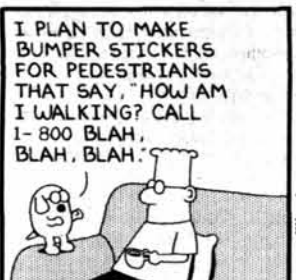
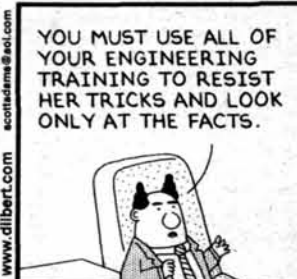
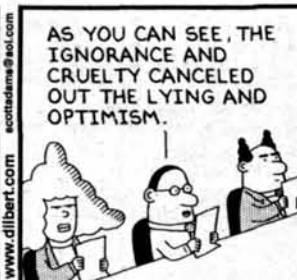


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# FoxTrot by Bill Amend



# Dilbert by Scott Adams



## Crossword Puzzle

Solution, page 13

### ACROSS

- 1 Pushy wind?
- 5 Fritter away
- 10 My word!
- 14 NYC theater
- 15 \_\_\_-base hit
- 16 Inconsequential
- 17 Fibber
- 18 Speedskater Bonnie
- 19 South American monkey
- 20 Fall event
- 23 Pop open
- 24 Garb
- 25 "\_\_\_ Haw"
- 26 Brains
- 28 Pre-1917 Russian rulers
- 30 Down a frank
- 31 Volunteered
- 36 1904 and 1994 oddity
- 41 Put into motion

### DOWN

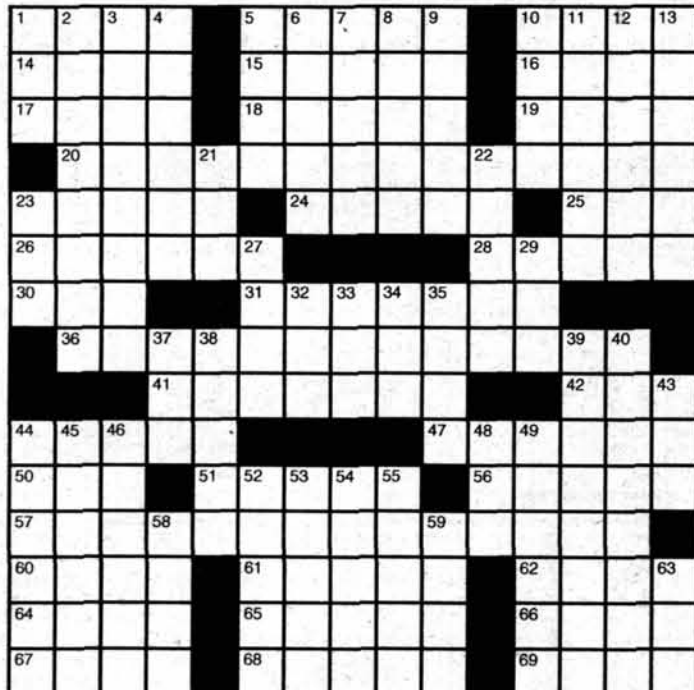
- 42 \_\_\_ d'Iserre, France
- 44 Military mess
- 47 Siesta wrap
- 50 Hog haunch
- 51 Wacky Jerry
- 56 Tortilla chip
- 57 All-Star side
- 60 Ward of "Once and Again"
- 61 Hawaiian banquets
- 62 Address for the Queen
- 64 Free of fat
- 65 "\_\_\_ of God"
- 66 Takeoff listings: abbr.
- 67 Rush-job acronym
- 68 The ones here
- 69 Twiggy home

### DOWN

- 1 Guy's sweetie
- 2 Teamster, for one
- 3 Rapid-fire notes
- 4 Fish sauce
- 5 "Dragnet" star Jack
- 6 Like four-wheeled vehicles
- 7 Ken the prosecutor
- 8 Jiffy
- 9 Some noblemen
- 10 CPR experts
- 11 Kimono-clad hostess
- 12 More Bohemian
- 13 Removes frost
- 21 Make a choice
- 22 Fall flower
- 23 \_\_\_ as directed
- 27 Alphabetize
- 29 Star Wars letters

### DOWN

- 32 Grippe
- 33 Pharm. watchdog
- 34 Guessed fig.
- 35 Jed of "The Chris Isaak Show"
- 37 One-time female mil. group
- 38 Eyes
- 39 Leave empty
- 40 Nitwits
- 43 Sayer or McKern
- 44 Type of daisy
- 45 Identifiers
- 46 Aviator Earhart
- 48 Santa \_\_\_ winds
- 49 Sellers of scraps
- 52 Showy display
- 53 "Brideshead Revisited" author
- 54 Pointless
- 55 Swings around
- 58 Highway access
- 59 Being: Lat.
- 63 Idaho hrs.



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# Events Calendar

Visit and add events to Events Calendar online at <http://events.mit.edu>

## Tuesday, October 14

**10:00 a.m. – Admissions Information Session.** Following the Admissions Information Session is a student-led campus tour which begins in Lobby 7. Groups over 15 people need to make special reservations. Free. Room: Admissions Reception Center, (Building 10, Room 10-100). Sponsor: Information Center.

**10:00 a.m. - 11:00 a.m. – MIT/WHOI Joint Program Coffee-Donut-Bagel Hour.** An opportunity for MIT and WHOI based students to interact on the days when Joint Program classes are held in Woods Hole, Tuesdays and Thursdays throughout the semester. Room: Woods Hole Oceanographic Institution Student Center, 3rd Floor, Clark Laboratory South. Sponsor: WHOI Student Organization. GSC, EGSAC.

**10:45 a.m. – Campus Tour.** Student-led campus tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups, or buildings under construction. Groups over 15 people need to make special reservations. Free. Room: Lobby 7. Sponsor: Information Center.

**11:00 a.m. - 1:00 p.m. – Law School Admissions Panel: Northwestern, Penn, and UC Hastings.** Admissions Representatives will provide law school information for UC Hastings, UPenn, and Northwestern. A question and answer period will be offered at the end of the school presentations. Free. Room: 4-149. Sponsor: Career Services Office.

**12:00 p.m. - 12:45 p.m. – Subterranean Landscape Tour at MIT.** Explore the amazing labyrinths of tunnels, walkways and passageways underneath 77 Massachusetts Avenue on a unique Subterranean Landscape Tour of MIT. The underground tunnel system at MIT – famous for igniting mysterious routes of travel at the Institute – is explored with host John Gibbs, Supervisor/Coach, Department of Facilities. Tour will last approximately 30 minutes. A map will be provided. Space is limited. No phone-in reservations. Tickets must be picked up in person at MITAC before Oct. 10th. Free. Room: Lobby 7. Sponsor: MITAC.

**12:00 p.m. - 1:00 p.m. – Modern Optics and Spectroscopy.** lecture series. Free and refreshments will be served. Room: 34-401. Sponsor: Spectroscopy Laboratory.

**2:00 p.m. – Admissions Information Session.** Free. Room: Admissions Reception Center. Sponsor: Information Center.

**2:00 p.m. - 3:00 p.m. – PSFC Seminar.** Wave-particle interaction studies for burning plasma physics on JET. Free. Room: NW17-218. Sponsor: Plasma Science and Fusion Center.

**2:45 p.m. – Campus Tour.** Free. Room: Lobby 7. Sponsor: Information Center.

**3:00 p.m. - 4:00 p.m. – MITea Time – Culture Exchange – English Chinese Class.** Our free English class is good for newcomers to get started with their English conversations in a very friendly environment. It is also good for people who have interest in learning the American culture, American life styles, etc. Lots of interesting topics and discussions will be a good start for your English learning. Feel free to come and have wonderful discussions with our native English-speaker teachers. Refreshments will be served. Free. Room: 5-134. Sponsor: Chinese Student and Scholar Association, GSC Funding Board, MIT CSSA & GSC.

**3:30 p.m. - 5:00 p.m. – MTL VLSI Seminar Series.** Sub-lithographic Semiconductor Computing Systems. Free. Room: 50 Vassar St. 34-101. Sponsor: MTL VLSI Seminar.

**4:00 p.m. - 5:00 p.m. – Nuclear Theory Seminar.** The effects of the Polyakov loop dynamics on the chiral phase transition. Free. Room: Center for Theoretical Physics, third floor seminar room. Sponsor: Laboratory for Nuclear Science.

**4:00 p.m. – MIT Astrophysics Colloquium: MASAO SAKO.** High-Resolution X-Ray Spectroscopy of Accretion-Powered Cosmic Sources. Free. Room: Marlar Lounge, Room 37-252. Sponsor: Astrophysics.

**4:00 p.m. – MechSeminar: Understanding the Behavior of Granular Materials Using Discrete Element Models.** Free. Room: 1-350. Sponsor: Geomechanics and Geomaterials.

**4:15 p.m. - 5:30 p.m. – GTL Seminar Series.** Global Aviation Emissions Model: Uncertainty Analysis and Applications to Airline Operations. Free. Room: 33-206. Sponsor: Gas Turbine Laboratory.

**4:30 p.m. - 9:00 p.m. – Rainbow Lounge Open.** MIT's resource lounge for lesbian, bisexual, gay, transgendered, and questioning members of the community offers a place to hang out, various activities, and a lending library during its open hours. Free. Room: 50-306. Sponsor: lgbt@mit.

**5:30 p.m. - 9:00 p.m. – Interdisciplinary and Collaborative Research at MIT.** MIT has a diverse complement of interdisciplinary laboratories and centers. The breadth of the research is remarkable as are the mechanisms for faculty, students and staff to interact across disciplinary boundaries. Prof. Gast will describe some of the research activities at MIT and highlight some current projects and collaborations. Recent new initiatives include the Computational and Systems Biology Initiative, the Institute for Soldier Nanotechnologies and the Broad Institute. These examples show how research and education cut across department, school and even University boundaries. Prof. Gast will discuss the research funding landscape and some policy issues we and other universities are facing. Alice P. Gast is Vice President for Research and Associate Provost at MIT. Dinner included. Room: Faculty Club - E51. Sponsor: MIT Club of Boston.

**6:00 p.m. – Varsity Women's Field Hockey vs. Regs.** Free. Room: Jack Barry Field.

**6:00 p.m. - 7:00 p.m. – Tuesday Evening Toastmasters @ MIT: Weekly Club Meeting.** At Toastmasters, members learn by speaking to groups and working with others in a supportive environment. Typical meeting consists of: Prepared Speech session (2-3 members present speeches based on projects from the Toastmasters International Communication and Leadership Program manuals. Projects cover such topics as speech organization, voice, language, gestures, and persuasion), Table Topics session (Members present 1-to-2-minute impromptu speeches on assigned topics), and Evaluation session (Every prepared speaker is assigned an evaluator who points out speech strengths and offers suggestions for improvement). Guests are welcome. Free. Room: 2-147. Sponsor: Tuesday Evening Toastmasters @ MIT.

**6:00 p.m. - 7:00 p.m. – the mit e-club weekly tuesday meeting.** the regular weekly tuesday meeting of the mit entrepreneurs club, aka: the e-club, an mit service organisation, where students, faculty, staff and alum gather to pitch, hear, crit and discuss their new science and technology start-up ideas, network, build 50k or independent founders' teams, and more; stay for our mit 6-credit seminar sem.095 on tech start-ups (sem.089 in fall term). free. Room: 56-114. Sponsor: Entrepreneurs Club.

**7:00 p.m. - 9:00 p.m. – Origami Paper Folding – Roses.** We are going to make several kinds of roses. Free. Room: 4-144. Sponsor: Origami.

**7:00 p.m. - 9:00 p.m. – Historical Aspects of the Nobel Prizes (a 4-session minicourse).** The Nobel Prize as a S & T Indicator: A Brueghel-esque Alternative. Free. Room: E51-275. Sponsor: STS.

**7:00 p.m. - 9:00 p.m. – Boston PDA User Group.** Free. Room: 3-133. Sponsor: MIT User Groups.

**7:00 p.m. – MIT Western Hemisphere Project: Open Meeting.** We hold informal sessions throughout the year to discuss events in the news and to work on project activities. If you want to just chat about these things, or if you want to join in and help organize, we'd love for you to attend. Free. Room: MIT 4-231. Sponsor: MIT Western Hemisphere Project.

**7:00 p.m. – Varsity Women's Volleyball vs. Smith.** Free. Room: Rockwell Cage.

**7:30 p.m. - 9:30 p.m. – Boston Voice User Group.** Free. Room: 2-147. Sponsor: Information Systems, MIT User Groups.

**8:00 p.m. - 10:30 p.m. – Contra Dance for All; Waltz Workshop.** Equality Fiesta Caller: Tony Saletan. Live Music: The Nematodes with David Neiman. Waltz min-workshop at 8 p.m. Dance with a partner and a group to jazz live music. All dances taught; all skill levels welcome. Every 2nd and 4th Tuesday. MIT students free; other students \$3; non-students \$5. Room: Stratton Student Center: Lobdell Dining Hall. Sponsor: Folk Dance Club. Music for Robin.

**8:00 p.m. - 10:00 p.m. – GSC/S/P Arts Class series.** Arts class for all levels. Drawing and painting. See Web site for more information and registration details. \$5 for all. Room: Sidney-Pacific Graduate Residence. Sponsor: Sidney-Pacific House Council, GSC Activities. ARCADE.

**8:00 p.m. – Gattaca (1997).** Student Pugwash Movie Series: Issues of science, technology and society as explored through film fiction. Free. Room: Room 4-237. Sponsor: Student Pugwash USA, The MIT Chapter of.

**9:00 p.m. - 11:00 p.m. – LIVEmusic@theEAR: Signals & Systems.** Must be over 21. Proper ID required. Free. Room: The Thrifty Ear Pub. Sponsor: The Thrifty Ear Pub.

**All Day – MIT Sukkah.** Visit MIT's unique, award-winning sukkah. The structure is built each year to mark the Jewish holiday of Sukkot. Free. Room: Kresge Oval. Sponsor: Hillel, MIT.

## Wednesday, October 15

**8:00 a.m. - 5:00 p.m. – 10th Annual Research & Development Conference.** 2003 MIT Research and Development Conference: Managing R&D as a Global Enterprise. The 10th Annual program is a unique and dynamic event that allows the university to share with industry the MIT research results relevant to the future of industry. The program consists of two plenary sessions and six concurrent technology tracks that feature leading MIT faculty, researchers an industry leaders. Attendees will have the opportunity to learn about the latest research results in nanomanufacturing, sensors, biology, new materials, energy, and information technology and tour some of MIT's leading laboratories. Free to MIT community. Room: W16 - Kresge Auditorium. Sponsor: Office of Corporate Relations/ILP.

**10:00 a.m. – Admissions Information Session.** Free. Room: Admissions Reception Center, (Building 10, Room 10-100). Sponsor: Information Center.

**10:45 a.m. – Campus Tour.** Free. Room: Lobby 7. Sponsor: Information Center.

**11:00 a.m. - 12:00 p.m. – Optics & Quantum Electronics Seminar.** Coherent Learning Control of Quantum Systems with Linear and Nonlinear Pulse Shaping. Free. Room: 38-401B, Grier Room B. Sponsor: Optics.

**12:00 p.m. - 1:00 p.m. – Object Lessons: Preserving The Paper Document.** The digital age promised a reduction in the amount of paperwork we generate. Yet we seem to be swimming in more paper than ever before. Most of this paper is doomed to crumble in a lifetime or less. Museums, archives, businesses, and individuals face an ever more daunting task of deciding what to save and how to preserve important content. In the Museum's monthly noontime gallery talk series, Kurt Hasselbalch, curator of the Hart Nautical Collection, uses documents from the collection to discuss basic preservation problems and treatment techniques. Free admission; refreshments provided. Free. Room: MIT Museum | 265 Mass Ave | Bldg N52 | Cambridge. Sponsor: MIT Museum.

**12:00 p.m. - 1:30 p.m. – Securing Nuclear Materials in Russia and Beyond.** Free. Room: E38-615. Sponsor: Center for International Studies, Security Studies Program.

**12:30 p.m. - 1:30 p.m. – PLC Toastmasters Meeting.** Guests are always welcome at Toastmasters meetings! Free. Room: W89-305. Sponsor: Toastmasters, MIT Organization and Employee Development, Human Resources.

**2:00 p.m. – Admissions Information Session.** Free. Room: Admissions Reception Center. Sponsor: Information Center.

**2:00 p.m. - 3:00 p.m. – String Theory Seminar.** Holography and the Cosmic Microwave Background. Free. Room: Center for Theoretical Physics. Sponsor: Laboratory for Nuclear Science.

**2:30 p.m. - 5:00 p.m. – spouses&partners@mit weekly meeting: Fall Foliage & Outdoor Sculpture Walk.** Join us for a fun afternoon at the Forest Hills Cemetery. We'll explore the autumn scenery and explore the Sculpture Path. Learn more at [http://www.foresthillstrust.org/path\\_intro.html](http://www.foresthillstrust.org/path_intro.html). We will meet at the MIT Coop in Kendall Square at 2:30 p.m. and take the T to the Forest Hills stop (Orange Line). Free. Room: Meet at Kendall Square. Sponsor: spouses&partners@mit, MIT Medical.

**2:45 p.m. – Campus Tour.** Free. Room: Lobby 7. Sponsor: Information Center.

**3:30 p.m. - 5:00 p.m. – Faculty Meeting.** Free. Room: 10-250. Sponsor: Faculty Chair.

**3:30 p.m. – Varsity Men's Soccer vs. WPI.** Free. Room: Steinbrenner Stadium.

**4:00 p.m. - 6:30 p.m. – Why Feminism Needs Biology: a Biology and Feminism Symposium.** Anne Fausto-Sterling is the author of "The Bare Bones of Sex." Elizabeth Wilson is the author of "Gut Feminism: Neurology, Psychoanalysis and the Stomach." Refreshments will be served at 3:30 p.m. Free. Sponsor: Women's Studies Program.

**4:00 p.m. - 6:00 p.m. – MIT Solar Power Ribbon Cutting.** A ribbon-cutting to celebrate MIT's first solar power installation. Cambridge Vice Mayor Henrietta Davis and others are scheduled to speak. Refreshments will be served. Free. Room: Stratton Student Center. Sponsor: Department of Facilities, Massachusetts Technology Collaborative.

**4:00 p.m. - 5:30 p.m. – Meaning Machines.** We are able to use and understand words because we have experienced the physical world in which their meanings are grounded, and we have learned the conventions by which words map into these experiences. Computers, on the other hand, are cut off from the physical world. Current language processing systems represent words as ungrounded symbols. Consequently, computers can't learn words from human actions or rely on input from the world to understand what human users want. Our long term goal is to create machines that ground the meaning of words in the physical world. To achieve this, elements of embodiment including perception, action, planning, and attention must be addressed in a computational framework and used in the design of linguistic representations and algorithms for language learning and use. Free. Room: E25-401. Sponsor: 'Brains and Machines' Seminar Series, McGovern Institute. AI Lab, Brain & Cognitive Sciences.

**4:00 p.m. - 5:00 p.m. – HPCES Seminar.** Conic Programming: Applications, Duality, and Algorithms. Free. Room: MIT Rm 4-237. Sponsor: Singapore-MIT Alliance/HPCES.

**4:15 p.m. - 5:15 p.m. – Curvature and Combinatorics.** Refreshments beforehand. Free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.

**4:30 p.m. - 5:30 p.m. – Joint Theory Seminar.** Quantum Computing. Free. Room: Center for Theoretical Physics, third floor seminar room. Sponsor: Laboratory for Nuclear Science.

**5:00 p.m. - 7:00 p.m. – Professional Image.** First impressions are everything, especially during the interview process. Learn from two former alums, Kathryn Hautanean and Greer Tan Swiston who have worked in engineering and finance, about how to professionally present yourself to employers. You can pre-register for this workshop at <http://web.mit.edu/career/www/services/workshops.html> and choose Calendar of Workshops. Free. Room: 56-154. Sponsor: Career Services Office.

**6:00 p.m. - 8:00 p.m. – Graduate Christian Fellowship Bible Study.** Come join us for Bible study, prayer, and fellowship! We are currently studying the book of Acts. Free. Room: 66-369. Sponsor: Graduate Christian Fellowship, GSC Funding Board.

**6:00 p.m. - 8:00 p.m. – Wednesday Night Dinner.** Weekly dinner. Share a meal with a friend. For McCormick residents and friends on the guest list. \$6.50. Sponsor: McCormick Hall.

**7:00 p.m. - 8:00 p.m. – Bible Study.** Weekly Bible study held by the Baptist Student Fellowship. Free. Sponsor: Baptist Student Fellowship, Baptist Campus Ministry.

**7:00 p.m. - 10:00 p.m. – TMR Build Time.** These are our normal meeting times, when we build the layout! Free. Room: N52-118. Sponsor: Tech Model Railroad Club.

**7:00 p.m. - 9:00 p.m. – Boston Linux & UNIX User Group.** Meeting of the Boston Linux/UNIX User Group. Free. Room: 4-370. Sponsor: MIT User Groups.

**7:30 p.m. - 8:45 p.m. – Swing Dancing Lesson.** Intermediate/Advanced Swing. Free. Room: 2nd floor, Student Center. Sponsor: Lindy Hop Society.

**8:00 p.m. - 11:00 p.m. – Israeli Folk Dancing (participatory).** Israeli Folk Dancing Early Teaching at 8 p.m., followed by teaching and requests until 11 p.m. Beginners are always welcome. Family dancing usually occurs from 7-8 p.m. each week. Great for kids of ALL ages! To confirm family dancing for a given week, and for up-to-date announcements about each week's dance, see our Yahoo Group. Free for MIT students; donations welcome. Room: Lobby 13. Sponsor: Folk Dance Club.

**8:00 p.m. - 10:00 p.m. – Weekly Wednesdays.** Free wings and an assortment of vegetables, sponsored by various departments, residences and affinity groups, are provided in the Muddy Charles Pub for graduate students to enjoy while catching up with friends and making making new ones. Students can also enjoy the cheap beverages (including many non-alcoholic options), Red Sox on the DirecTV, and (new) wireless internet access. Free. Room: The Muddy Charles Pub. Sponsor: GSC Activities.

**8:00 p.m. - 10:00 p.m. – IFILM Film Seminar.** Screening of a movie followed by a discussion. Light refreshments provided. More information (including movie titles) on our Web site. Free. Room: 4-237. Sponsor: International Film Club, GSC Funding Board.

**8:30 p.m. – American Graffiti (1973).** Part of the HTC Film series. Directed by George Lucas 110 min. Free. Room: 3-133. Sponsor: History, Theory and Criticism of Architecture and Art.

**8:45 p.m. - 11:30 p.m. – Swing Dancing.** Live music! Beginners welcome, no partner necessary. \$5 suggested donation. Room: Student Center 2nd floor. Sponsor: Lindy Hop Society, GSC Funding Board.

**All day – MIT Sukkah.** Free. Room: Kresge Oval. Sponsor: Hillel, MIT.

## Thursday, October 16

**12:00 a.m. – Visiting Committee for Sponsored Research.** Biennial meeting of the Corporation Visiting Committee for Sponsored Research. Room: Bush Room 10-105. Sponsor: Corporation Office.

Events Calendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

**8:00 a.m. - 1:00 p.m. – 10th Annual Research & Development Conference.** Free to MIT community. Room: Kresge Auditorium. Sponsor: Office of Corporate Relations/ILP.

**10:00 a.m. – Admissions Information Session.** Free. Room: Admissions Reception Center, (Building 10, Room 10-100). Sponsor: Information Center.

**10:45 a.m. – Campus Tour.** Free. Room: Lobby 7. Sponsor: Information Center.

**11:50 a.m. - 1:00 p.m. – Strategies for non-US Citizens to Pursue a Long Term Career in the US – The Legal Perspective.** Free. Room: E51-315. Sponsor: MIT Sloan Asian Business Club.

**12:00 p.m. – MIT Chapel Concert: Biava String Quartet.** Austin Hartman (violin), Hyunsu Ko (violin), Mary Person (viola), and Jacob Braun (cello), are recent graduates of the Cleveland Institute of Music and currently in the Professional String Quartet Training Program at the New England Conservatory of Music. The Biava is a Naumberg award winning string quartet with top prize at the London International String Quartet Competition, the Young Concert Artist International Auditions, the Coleman National Chamber Music Competition and at the Fischhoff National Chamber Music Competition. Free. Room: MIT Chapel. Sponsor: Music and Theater Arts Section.

**1:00 p.m. - 2:00 p.m. – Weight Watchers at Work!** Free. Room: Women's Lounge-Room 8-219. Sponsor: Weight Watchers.

**1:00 p.m. - 7:00 p.m. – Rainbow Lounge Open.** MIT's resource lounge for lesbian, bisexual, gay, transgendered, and questioning members of the community offers a place to hang out, various activities, and a lending library during its open hours. Free. Room: 50-306. Sponsor: lgbt@mit.

**2:00 p.m. – Admissions Information Session.** Free. Room: Admissions Reception Center. Sponsor: Information Center.

**2:45 p.m. – Campus Tour.** Free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

**3:00 p.m. - 5:00 p.m. – InventioNibble: Whispering Touch.** Have your fingers ever been tickled by sugar, or scratched by satin? "Whispering Touch," an interactive sculpture by an MIT researcher, amplifies even the smallest of tactile sensations, letting you explore your environment in completely new ways. Stop by to meet the inventors of "Whispering Touch," and try it out for yourself. Free with Museum admission. All ages. Free with MIT Museum admission. Room: MIT Museum. Sponsor: MIT Museum.

**4:00 p.m. - 7:00 p.m. – Ignition forum with Deshpande Center.** Free. Sponsor: Techlink.

**4:15 p.m. - 5:30 p.m. – Physics Colloquium Series.** The Physics community is invited to enjoy light refreshments in the Physics Common Room prior to the lecture. Free. Room: 10-250. Sponsor: Physics Department.

**4:15 p.m. - 5:15 p.m. – Emerging Opportunities for Operations Research in Educational Services.** Operations Research Center Fall Seminar Series. Seminar reception immediately following in the Philip M. Morse Reading Room, E40-106. Free. Room: E40-298. Sponsor: Operations Research Center.

**4:15 p.m. - 5:15 p.m. – Materials Unlimited.** This lecture series highlights the research of the best senior grad students in all areas of materials research. Today: Joy Cheng, DMSE discusses her work in block copolymer lithography and its application to magnetic memory. Free. Room: 4-231. Sponsor: Materials Processing Center.

**5:00 p.m. - 6:30 p.m. – Student Activities Treasurer Training.** Treasurer training is for all ASA and Dormcon recognized student groups. Specific information on use and access of internal student group accounts as well as discussion on expectations & responsibilities. Free. Room: 4-370. Sponsor: UA Finance Board, Student Life Programs, GSC Funding Board. Student Activities Office.

**5:00 p.m. - 7:00 p.m. – Def Jam Japan and the Power of Global Hip-Hop.** Lecture by Riko Sakurai, head of Def Jam Japan. Sakurai will speak about hip-hop culture in Japan, and her experiences as a woman leading this highly visible Japanese record company. Riko has spent many years promoting and interpreting hip-hop in Japan as a writer, radio show host, MTV-Japan VJ, and now corporate leader. Her talk, in English, will include music videos by her label's Japanese rappers and R&B stars such as Dabo, Sphere of Influence, Tokona-X, S-Word, Ai, and Hi-D. Free. Room: Rm 3-270. Sponsor: Foreign Languages & Literatures, Comparative Media Studies. Council for the Arts at MIT, Music and Theater Arts, MISTI Japan.

**5:00 p.m. - 6:30 p.m. – Human Rights Institutions.** Program on Human Rights and Justice Summer Intern Speaker Series. Free. Room: E-38-714, 292 Main Street. Sponsor: Center for International Studies, Program on Human Rights & Justice.

**5:30 p.m. - 6:30 p.m. – Academic, Research and Careers Committee.** Room: 50-220 (Walker Memorial). Sponsor: GSC Meetings.

**5:30 p.m. - 7:00 p.m. – Weekly Grad Student Bible Study for Absolute Beginners.** Weekly informal Bible study for grad students; refreshments provided: lgbt welcome. Free. Room: W11-007. Sponsor: Lutheran-Episcopal Ministry.

**6:00 p.m. - 9:00 p.m. – Concept Coaching Clinic.** There are hundreds of labs in the area producing and improving some of the most complex and intriguing technologies in the world. Some of the research and technology will spawn successful companies while others will just always be looked at as "kind of cool." So what's the differentiator? At the concept clinic program we will meet the technologists developing this stuff and help them brainstorm their prospects for business applications — which markets might want this technology; who, if anyone, has a problem that this technology might solve; and what else will they need to get this off the ground. Pre-registration is required for this event. The Concept Coaching Clinic registration fee for members is \$35; the registration fee for non-members is \$45. Room: Tang Center E51-376. Sponsor: MIT Enterprise Forum of Cambridge, Inc.

**6:00 p.m. – Gordon Matta-Clark, or, Architecture's Struggle Against Itself.** HTC Forum. Free. Room: 3-133. Sponsor: History, Theory and Criticism of Architecture and Art.

**6:00 p.m. – Are Startups Right for You? - Perspectives and Experiences from MIT Alums.** Startups are associated with high risks and potential high rewards. You are thinking about starting your own business or considering joining one after graduation, but are startups right for you? Find out about the personal experiences of three MIT alums who joined startups and founded their own. Greg Harman (Harman Technologies, Inc.), Abraham McAllister (Polychromix), Alok Srivastava (Bioscale Inc.). Free. Room: Sloan E51-315. Sponsor: Science and Engineering Business Club. GSC ARC.

**6:03 p.m. - 7:00 p.m. – Weekly meetings.** Regular meeting of the core group at muddy charles. Free. Room: Muddy Charles. Sponsor: Techlink.

**7:00 p.m. - 9:00 p.m. – Graduate Christian Fellowship Bible Study.** Come join us for Bible study, prayer, and fellowship! We are currently studying the book of Ephesians. Free. Room: W11-080. Sponsor: Graduate Christian Fellowship, GSC Funding Board.

**7:00 p.m. – poetry@MIT: George Stanley.** Stanley was born and raised in San Francisco where, in the 1960s, he was a member of Jack Spicer's circle. A long time educator in Terrace, B.C. Canada, he is now retired and living in Vancouver. His most recent book is "A Tall, Serious Girl." Free. Room: Rm 10-250. Sponsor: Program in Writing and Humanistic Studies.

**7:30 p.m. - 9:30 p.m. – Chess Club Meeting.** A prominent player of the club will talk about some ideas in the opening. Then it will be designated time for play! Free. Room: Student Center, PDR 1&2. Sponsor: Chess Club.

**7:30 p.m. - 9:30 p.m. – Rainbow Coffeehouse Pool Night.** Hang out with other LGBT folk for a Pool Night. Free. Sponsor: Rainbow Coffeehouse, GSC Funding Board.

**7:45 p.m. - 10:00 p.m. – MIT Women's Chorale First Rehearsal.** New members are welcome. Free. Room: Emma Rogers Room (10-340). Sponsor: MIT Women's Chorale.

**8:00 p.m. - 10:00 p.m. – IFILM Film Seminar.** Free. Room: 4-237. Sponsor: International Film Club, GSC Funding Board.

**8:30 p.m. - 10:00 p.m. – Underwater Hockey.** The MIT SCUBA Club invites all to participate in Underwater Hockey. Underwater Hockey is an exciting co-ed sport played at the bottom of a pool with a short stick and a lead puck. Free. Room: Z-pool. Sponsor: Scuba Club, GSC Funding Board. Scuba Club, Undergraduate Association.

**9:00 p.m. - 10:00 p.m. – Coffee Hour.** Food and drink - an Ashdown tradition. Free. Room: Hulsizer Room (W1). Sponsor: Ashdown House.

**10:00 p.m. - 11:59 p.m. – Movie Night.** Movie and food - free for all!! Room: Big TV Room (W1). Sponsor: Ashdown House.

**11:59 p.m. – Campus Disc Golf.** Do you like tossing a disc? Do you enjoy friendly competition? Or if you're just up for midnight antics, then come on out! Meet outside the Student Center on the front steps, and don't forget to bring a disc! Don't hesitate to come, newcomers are always welcomed - We meet every Thursday at midnight. Questions, contact Daniel Turek, [macgyver@mit.edu](mailto:macgyver@mit.edu). Bring your own disc! Room: Student Center steps. Sponsor: Campus Disc Golf.

**All Day – MIT Sukkah.** Free. Room: Kresge Oval.



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Boston Premiere

In his astonishing new work Facing Mekka, the brilliant and critically acclaimed pioneer of hip-hop choreography Rennie Harris journeys to the roots of hip-hop dance and joyfully celebrates dance as a universal language. In this multilayered work, 17 dancers, three vocalists, three dj's live percussion and collage projections create a landscape of movement, rhythm, sound and image. Tracing the African lineage of hip-hop dance, Harris fuses the hip-hop styles of B-boy (breaking) and house (freestyle club) with elements from aboriginal dance, ceremonial African dances and Brazilian capoeira.

Tickets may be picked up (in person only)

at the MIT Office of the Arts (E15-205)

Monday - Friday 10am - 4pm

One ticket per valid MIT student ID

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Waves of change





# Exp. Subjects Being Evaluated, Faculty Careful of New Option

Exploratory, from Page 1

good idea because it acted as a backup.

"5.60 [Thermodynamics and Kinetics] is my exploratory subject because I foresaw at the beginning of the semester that it might be new and challenging," said Njamkou N. Noucti '06, who is majoring in chemistry.

Without the exploratory option, "I would have taken five classes anyways, but might have dropped one," she said. Noucti said her adviser encouraged her to use the exploratory option.

Some departments encouraged sophomores to designate as exploratory only classes outside their major.

Professor Rohan Abeyaratne, the Mechanical Engineering department head, said that the department advised sophomores "to be careful" about designating a Course II requirement as exploratory, but did not prevent them from doing so.

**Option still being evaluated**

The exploratory subject option was made as "part of the review of Pass/No Record and advanced placement system two to three years ago," Boning said.

"My understanding is that the C.U.P. will have a midpoint review, as they do with all experiments," Boning said. "I think the intent, in my mind, was for it to be a flexible option that provided a safety net,"

he said. The midpoint review will probably be in about two years.

Boning noted that there was the concern that sophomores might take more classes because they had this opportunity. Overloading would "be counterproductive, that's my biggest fear," he said.

He said that he made his sophomore advisees aware of the option, but did not push them to make a particular choice.

As an adviser, "I would evaluate case-by-case, because some students are capable of heavier loads, and others have eyes bigger than their stomachs," said Professor James L. Kirtley Jr. '67, a member of the Committee on Academic Performance.

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Info. Session **October 16<sup>th</sup>**  
7:00 p.m. in 1 - 242

Interviews **November 7<sup>th</sup>**

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**Solution to Crossword**  
from page 10

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# THE BOSTON CONSULTING GROUP





## Undergraduate Students

### Schedule of BCG Events

**Information Session**  
Tuesday, October 21st, 6:00pm at University Park Hotel @ MIT


**Full-Time Applications\* due via Interview Trak**  
Tuesday, October 28th

**Full-Time First Round Interviews**  
Wednesday, November 12th @ BCG's Boston Office

**Full-Time Second Round Interviews**  
Friday, November 14th @ BCG's Boston Office

**For additional information, please contact:**  
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The Boston Consulting Group  
Exchange Place, 31st Floor  
Boston, MA 02109  
617-973-1308

\*An application consists of a cover letter, resume, copy of your undergraduate transcript, SAT scores (split), and office location preference.



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David Goldsmith, a partner and our Chief Investment Officer of Quantitative Equity Strategies, will be interviewing candidates at MIT on Tuesday, November 4th. Candidates should submit resume, cover letter, transcript, and SAT scores by October 21<sup>st</sup> through MIT MonsterTrak.

For additional company information, please visit our website  
[www.mdtadvisers.com](http://www.mdtadvisers.com).

# No Financial Trouble for ILGs, But Some Worry for the Future

ILG Rush, from Page 1

numbers are subject to change as ILGs rush throughout the year, especially during IAP Rush.

The Living Group Council, which represents ILGs, has not yet collected its own statistics from each house, said Laura C. Cerritelli '03 of the LGC.

#### Financial health at issue

Cerritelli of the LGC said that she is "not sure if any houses are in trouble" financially. She said that there are some "small houses," but that they have spring Rush to try to recruit more members and that many houses have open bids lasting long after the official Rush period ends.

WILG is under full capacity this year, but Chidozie said that

there is no financial trouble and that the numbers fluctuate from year to year.

Pika is experiencing "no trouble financially," MacFarlane said.

Student House is "breaking even" financially, Galdamez said.

"The MIT transition [assistance] has been very helpful, and we've been saving up," Vichot said. "For the moment, we're fine, but there's obviously that Draconian sword just hanging above us," he said. (He added that he meant a sword of Damocles.)

Galdamez, Dorfman, and MacFarlane all stressed that their houses recruit throughout the year, not just during the two weeks of Rush.

#### Difficulty in attracting freshmen

Galdamez said that it is really difficult for Independent Living Groups

to attract freshmen and keep them interested for a whole year before they can move in.

MacFarlane said that lately, more new members are upperclassmen who can move in immediately after deciding to living at the house.

Diane L. Christoforo '05 said that she wanted to live at Epsilon Theta during her freshman year, but that her parents would not let her. (She was in the last class allowed to live in FSILGs as freshmen.) She moved in this year as a junior.

MacFarlane also said that it was difficult to ask freshmen to start thinking about where they will live a year from now.

MacFarlane and Galdamez both said that visibility is very important for independent living groups and that it is the job of each house to make themselves known to freshmen.

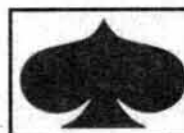
## "I really want my mom to find me face-down in my own blood on the floor of her bathroom. The woman deserves it."

The hair on the back of my neck stood on end. My forehead went wet. "I hate my pathetic life," she said. It was the first call I got working at the suicide hotline, a volunteer thing I did because a friend said she got so much out of it. Before I got too nervous, I stood up and spoke into the phone with as much compassion as I could. But my voice skipped and fluttered. How do you tell a girl like this it's going to be alright? Just when my head started to swim with the idea that I might be the reason she kills herself, it hit me. She doesn't want me to have the answers, she just wants a friend. She wants me to understand because no one else wants to. I never felt so alive. And that feeling is what brings me back here to the phones. Everyone reaches a point where they need help. If all it takes is listening for a few hours, I can do that. "

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Food and refreshments served at 6:30 pm

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• Resume, Cover Letter, Transcript Deadline: Nov. 5 (via [jobtrak.com](http://jobtrak.com))

• 1st Round Interviews: Nov. 19th

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Join us for a dinner and conversation in a very relaxed atmosphere. The first dinner is on **October 21<sup>st</sup>**. Guests in attendance are:

Irwin Pless - Professor Emeritus of Physics  
Robert P. Redwine - Dean for Undergraduate Education  
Robert W. Field - Haslam and Dewey Professor of Chemistry  
Katya Myer - Hillel Program Coordinator

We are inviting 22 students and 4 faculty, staff and administration members to the **Small Dining Room** at MIT Hillel (Building W11). Attendance is by reservation only. Please sign up by October 16<sup>th</sup>, by contacting Katya Myer [katyam@mit.edu](mailto:katyam@mit.edu)

The dinner starts at 6:00pm. See you there!

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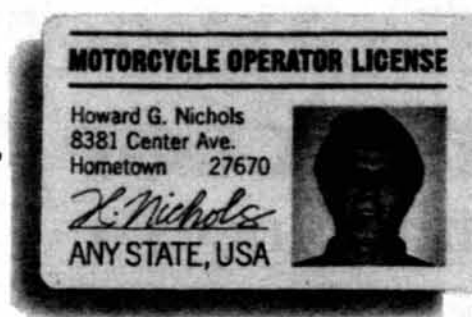
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# Off-Campus Students Unsure About Plans

Off-Campus, from Page 1

they are not sure about the usefulness of having an off-campus representative.

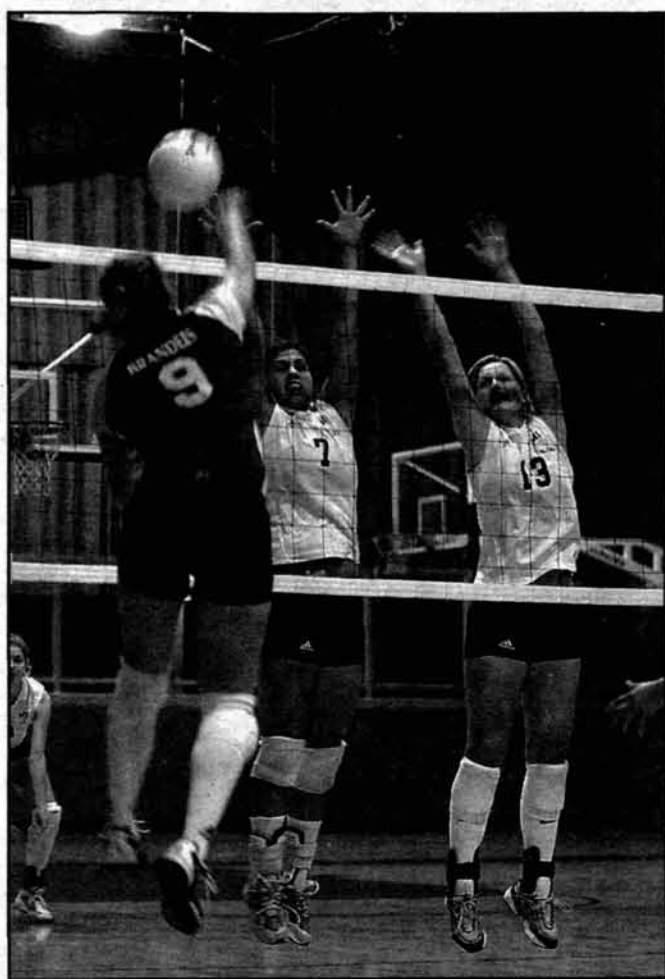
"I don't know how it would affect me," said Matthew W. Adkisson '05. "It seems that each [person living off-campus] has their own situation, so I don't know how they're going to represent all of us."

"It seems that the UA's issues

are a lot of issues with in-campus students while off-campus students just go to school," said Alexander L. Allen '04.

"I don't like to be on a mailing list and I'm not really sure how useful that [kitchen] would be," said Jonathan N. Grall '05.

But not everybody agreed. "We're kind of our own little breed, we should have a voice," said Jared A. Casper '05.



WAN YUSOF WAN MORSHIDI—THE TECH

Arlis A. Reynolds '06 and Monika M. Wrobel '07 try to block an attack from a Brandeis player. The Engineers defeated Brandeis University with a score of 3-0.

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Suggested donation: \$5

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## MIT Department of FACILITIES CAMPUS CONSTRUCTION UPDATE

### Building 1 window painting

On Wednesday, October 15, painting will begin at the corner of Memorial Drive and Mass. Ave. Work will continue down Building 1 toward Building 5. This work will take approximately four weeks. All products are non-toxic and acrylic-based, with very low odor.

### Brain and cognitive sciences project

For the safety of the MIT community, Albany Street will be closed between the Albany Street garage and Main Street, effective immediately. This will allow space for construction activity that includes erection of steel. Vehicles leaving the garage must exit to the left. Vehicles traveling east toward Main Street should use Portland Street.

### MDC Memorial Drive Rehabilitation Project

Work continues on new curb installation and reconstruction of storm drainage. The Memorial Drive underpass will be closed from Tuesday, October 14, at 9 p.m. to Wednesday, October 15, at 5 a.m. to allow for fiber optic cable relocation. Traffic will be diverted to surface ramps.

### Vassar Streetscape

Tree planting is underway and will continue through the week. Cyclists are asked to continue to ride on the street or walk their bikes on the sidewalk while bike markings are applied.

### Waverly Street

Beginning Tuesday, October 14, at 7 a.m., Waverly Street will be closed to traffic from 7 a.m. to 4 p.m. each day for approximately three weeks to allow for installation of a new drainage system. Detour signage will be posted and police detail will be on site.

For more information on MIT's building program, visit [web.mit.edu/evolving](http://web.mit.edu/evolving).  
This information provided by the MIT Department of Facilities.

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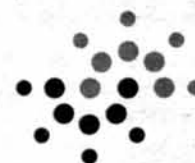
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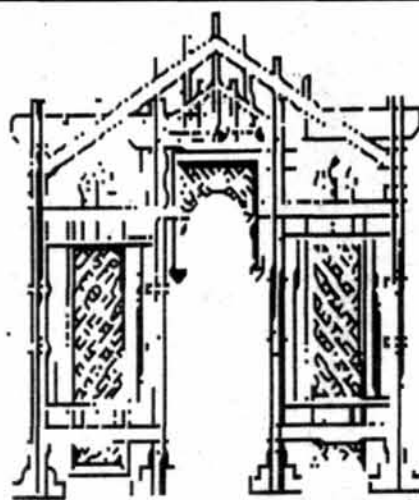


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# Men's Cross Country Holds Its Own in New England Tourney

By Imran Hendley  
TEAM MEMBER

The New England Collegiate Cross Country Championships, in which Division I, II, and III schools all compete, was held on Friday at Franklin Park. Many Division I teams do not race their top runners in this meet, in an effort to rest them for the postseason. But, the same does not go for the Division III teams; and Friday was the first time MIT saw itself in the same race as all the other contenders for a berth at Nationals.

With the exception of Ben A. Schmeckpeper '05 at the front, MIT men's cross country has found its strength in keeping tight packs of runners together throughout the races. But this proved diffi-

cult with over three hundred runners in the varsity race and more than two hundred in the sub-varsity race. Scoring only Division III runners in the varsity race, MIT finished fifth behind Tufts University, Keene State College, Williams College, and Bates College. But even if the team performance wasn't up to par, there were some strong individual performances on the day.

Schmeckpeper was the top Division III finisher, with a time of 24:56 for 13th place overall. Even after going out in 4:44 for the first mile, he held his position and even moved up in the fourth mile. Schmeckpeper finished ahead of Abdulgani Abdi of UMass-Dartmouth, Nate Brigham of Tufts, and

Neal Holtschulte of Williams, who have all challenged him in the past.

In the varsity race, Kevin F. Brulois '07, Chris J. Fidkowski G, and Ian H. Driver '05 also had impressive performances. Brulois continued to be the model of consistency as he finished second for MIT in a time of 26:04. Fidkowski ran the last mile in 5:04 and was literally bumping elbows with the line of spectators as he passed hoards of runners on his way to the finish for a time of 26:45. Driver ran a smart race and crossed the line in 27:02, showing he can be a part of MIT's top seven.

In the sub-varsity race, Spencer C. Dudley '07 ran 26:53, a 50-second personal best, good enough for 26th place overall in a strong field.

## Heavyweight Freshmen Place Second

Crew, from Page 20

Adam S. Kaczmarek '06, Kieran F. Culligan '06, and coxswain Lee S. Squitieri '05, had a good first race, finishing 11th, behind Colby College. "We were able to pass a boat early on in the race and didn't yield to boats behind us. We kept going strong," said Mike Whitaker. The second eight is looking to pass some more crews this weekend in the club eight event at the Head of the Charles.

### Frosh assert themselves

The MIT heavyweight freshmen also did well with a second-place finish in the novice fours race. Coach Dan Perkins, new to MIT crew, said, "There are some good guys on this

crew. They have a good attitude and are almost too excited about rowing." The frosh four, manned by Arthur J. Franke '07, Martin Harrysson '07, Frank L. O'Sullivan G, Will G. Tetler '07, and Nestor I. Lara '07, finished ahead of UMass-Lowell and just behind Bowdoin College. The freshman eight also had their first race, finishing 11th in the novice eights race.

### Head of Ohio provided good start

Last week in Pittsburgh, the varsity got off to a good start by winning the club eight event with a time of 13:19, beating out Marietta College, last year's winner. Stroke John Cooley '05, Robert Figueiredo '05, Chris Wodzicki G, John

Bergin '06, Andy Hill '05, Chris Rhodes '06, Mike Whitaker '06, and Ian Whitehead '05 comprised this boat, which crushed RIT by 16 seconds. The boat was divided into two four man boats and raced again, finishing second and fifth. Cornell won the men's open event with a time of 13:05.

Although conditions varied slightly between the club event and the open event, this margin can be closed. According to Coach Gordon Hamilton, these guys like to pull hard, now they just have to row well. The MIT heavyweight varsity crew team is definitely headed in this direction as they prepare for the Head of The Charles this weekend.

# Football Loses Game To WNEC on Saturday

By Christopher P. Anderson  
TEAM MEMBER

MIT football experienced heartbreak on Saturday, losing 14-7 to Western New England College. Despite five Engineers with double-digit tackles, senior Michael J. Harvey's 17 stops, and 98 tough yards by David J. Ostlund '04, MIT couldn't come up with a game-tying score in the fourth quarter. The loss dropped their record to 2-3 overall, 0-2 in New England Football Conference Boyd Division.

The Engineers opened the scoring after the defense forced a second quarter turnover. Defensive end Brennan P. Sherry '06 rushed inside and forced WNEC quarterback, Jim Katany, to fumble. The ball was covered by captain Daniel Relihan '04. On the next play, Adam C. Love '07 fired a sideline pass to Tom Kilpatrick '05.

Fullback Ryan J. Lanphere '04, who ran for 32 yards on nine carries, then barreled into the end zone; the extra point by R. Matt Ramirez '06 gave MIT a 7-0 lead. The Bears inauspiciously tied it up on the ensuing possession. The kickoff went out of bounds, giving WNEC possession at their own 41. MIT was assessed a fifteen-yard personal foul on the next play, and the Bears

went on a nine-play drive ending with a sixteen-yard touchdown pass to a wide open tight end.

WNEC's two-pronged running game went on the attack for 238 yards, gaining three to five yards consistently with fullback dives and quarterback sneaks. WNEC stuck to the formula on the first drive of the second half, converting twice on fourth down and taking a 14-7 lead on a rollout pass to the right corner of the end zone. It would turn out to be the winning points.

The remainder of the game became a story of missed opportunities for MIT. A third-quarter drive drew two back-to-back delay of game penalties, two sacks, and a 25-yard pass called back for holding. The defense, despite holding WNEC to one first down in their last six drives, couldn't force a much needed turnover. The Engineers had the ball five times in the fourth quarter, but couldn't cross midfield, with two deflected passes turning into interceptions.

This Saturday MIT travels to UMass-Dartmouth. The defending conference champion Corsairs escaped MIT with a 36-26 win last year after overcoming a 26-14 third quarter deficit.

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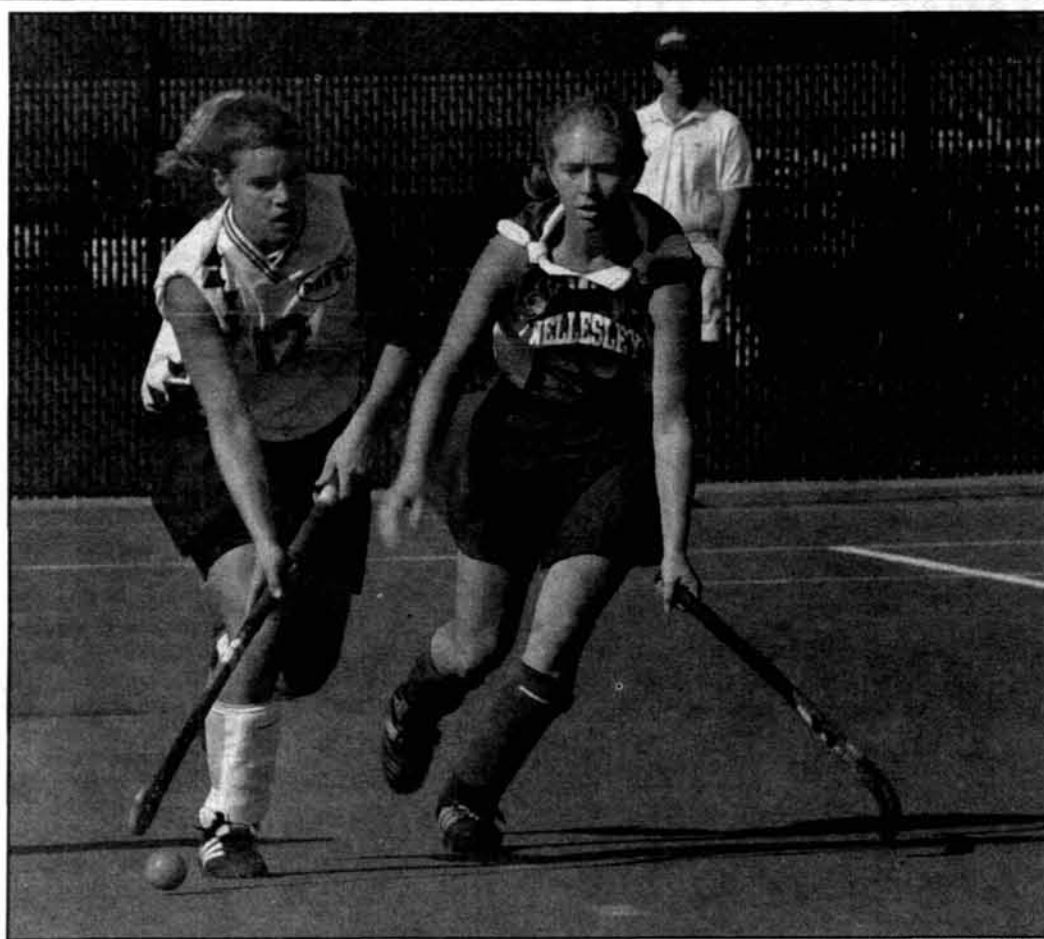
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## SPORTS



Deanna M. Lentz '06 takes the ball past an opponent from Wellesley College during the field hockey game against Wellesley College on Saturday. MIT lost the match 0-4.

WENDY GU—THE TECH

## Lady XC Achieves Season Goals

By Karen L. Condon

TEAM MEMBER

After a week off from racing, the MIT women Harriers had a little fire under their belts. For the first time ever, the team had four runners finish under 20 minutes at their home course of Franklin Park during the All-New England meet last Friday. Running without their number two finisher, Julia C. Espel '05, the girls stepped up to the challenge and still managed to produce a result that will go down in Tech cross country history.

Led by Captain Martha W. Buckley '04 (71st out of 287 competitors), MIT placed 27th out of 41 teams from Divisions I, II, and III, in the varsity race and 17th out of 26 teams in the sub-varsity race. Both races were won by Brown University.

With over 280 runners in each event, the day proved to be a perfect opportunity to work with nearby competitors to push to new levels. In their last chance to compete at Franklin Park this season, the team worked together to break through past barriers.

Buckley's finish was a near-

record time of 19:06, while the next four runners from MIT, Alisha R. Schor '07 (19:45), Karen L. Condon '07 (19:55), Karen A. Kinnaman '06 (19:57), and Jennifer A. Gaugler '05 (20:28), all achieved new personal records for the Franklin Park course, breaking their past marks by 31, 31, 40, and 19 seconds, respectively. Condon, Kinnaman, and Gaugler also ran their fastest times for any course. "Ben [Franklin] woulda been proud!" said Kinnaman.

"A lot of the girls on the team set a specific goal that they wanted to achieve in this meet, and everyone met or exceeded their goal," said Gaugler. A total of 14 runners reported new personal records or season bests, including Elizabeth R. Walker '06, Katrien Brak '05, Hana L. Adaniya '07, Andrea J. Dooley '06, Rachel M. Niehuus '07, Kelly Kuo '06, Elizabeth R. Eames '06, Rebecca R. Romatoski '06, as well as Frances W. Weld '05 and Brita M. Mittal '07, who both improved their times by over one minute. Other top varsity finishers were Elizabeth R. Eames '06, and Veron-

ica A. Andrews '05. The sub-varsity team was led by Nancy J. Benedetti '05 with a finish of 20:57.

The spread between the top four runners was only 51 seconds, and between the top five only 1:23, a great accomplishment, but something that still needs to be improved in order to achieve the goal of winning the NEWMAC championship. Rival Wellesley College finished five positions ahead of MIT in the varsity race, also running without one of their top finishers. With two weeks left until facing Wellesley head-to-head in a tri-meet with NYU, Tech cross country still has some work to do, but the future is promising. With this group's demonstrated ability to step up to challenges, Wellesley is well within reach.

Next week the team travels to the University of Southern Maine for the Twin Brook Cross Country Invitational where they will get a chance to test the national qualifier course. Here they will also run their first 6,000-meter course of the season. Wellesley will not be in attendance; however, the team will face Wheaton, another NEWMAC Championship contender.

## Men's Crew Brings Home 2nd Medal in Two Weeks

By Andy Hill

TEAM MEMBER

The MIT men's varsity heavies came home with their second gold medal in as many weeks, winning in the Open Eights at the New Hampshire Championships in Hooksett, NH, this past Saturday.

The first varsity boat, featuring CMI exchange student Ian Whitehead, Alex C. Ince-Cushman G, John J. Bergin '06, co-captain R. Andrew Hill '05, Robert A. Figueiredo '05, Chris Wodzicki G, co-captain John B. Miller '05, co-captain John Cooley '05, and coxswain Craig J. Rothman '05, beat Holy Cross by five seconds to capture the win.

MIT started second, behind Bates College, and caught up to them by the end of the first mile. Bates held off the charge for about 500 meters and then fell quickly behind MIT, who pulled ahead in the much cleaner water ahead. MIT held together for the rest of the

race, finishing at a rate of almost 36 strokes per minute.

"I could hear their coxswain starting to panic and we had a very strong finish," said Rothman of chasing down Bates College. "There was a big jump in the speed with about 500 meters to go."

Coach Gordon Hamilton said, "The progress of our first eight has definitely accelerated in the past week." The first eight is pushing for a medal this weekend in the Collegiate eight event at the Head of the Charles. With the times they have been reporting in practices, and with more progress this week, that goal could be a reality.

### Second eight has strong first race

The second varsity eight, featuring Brian "Elmo" Neltner '05, Nick A. Allard '06, Harry J. Lichter '06, Chris R. Rhodes '06, Mike P. Whitaker '06, Aaron H. Bell '06,

Crew, Page 19

## MIT Sports Offer Alternative to Psets

By Yong-yi Zhu  
COLUMNIST

So how many of you came to MIT for the academics? Well, I did, too. But, instead, I was totally amazed by the number of nonacademic, and mainly athletic, things you can participate in. Heck, there's nothing that you can't stick your head into, including the Charles River.

Speaking of the Charles, it offers a very unique experience all on its own. Sure, people cringe at how dirty it might be, or how you might even find bodies floating in it, but truth be told, I was in total awe of its splendor the first time I went out on the river. You can go out on a sailing boat or a crew boat, whichever one floats you. With sailing especially, you can go pretty much whenever you feel like. I've been let out even when there was a regatta going on. (We'll just say that the other boats were not too happy with me, and neither was my sailing partner.) It's great to get away from MIT, at least mentally, and you might never know when some of those skills might be handy. I got to race and be a crew member on a boat that was short a man just because I knew some sailing skills.

Well, if water isn't your thing, you can go have fun some other way. From swing dancing to pistol shooting, we've got it

all. Some people just take the minimum requirements for PE and move right along.

Isn't college an experience that one should cherish? Go to the Z-Center. Go to the tennis bubble. Go run along the Charles. (I was actually in pain this summer at not being able to run along the Charles. My home in Maryland offers terrain too hilly for my taste.) You never realize how good of a thing you have until you finally lose it. You also never realize how enjoyable something can be until you go out and do it. You might like it or even be good at it.

Heck, who would have thought that I, being a medium-height Asian kid with no skills in anything except differential equations (or at least so I thought), could be a varsity athlete? So I'm a golfer, which to some means I drive around on a cart and attempt, once in a while, to hit a ball. You may laugh, but to me, it's my passion. I love it and had I not come here, I probably would never get a chance to do it. You might just call it my personal paradise.

Well, enough about golf. MIT has 41 other varsity sports, and tons of club sports and intramural sports. Make some time during your day to be a part of it all, and don't miss out on the opportunities. After all, you're not paying 40 grand a year just for that lecture you're not even going to. Go play a sport. If you don't like it, try something else. What can you possibly lose?

## UPCOMING HOME EVENTS

Tuesday, Oct. 14

6 p.m., Women's Field Hockey, Regis  
7 p.m., Women's Volleyball, Smith

Wednesday, Oct. 15

3:30 p.m., Men's Soccer, WPI



BEN GALLUP

MIT freshman Oliver Venn (#9, in black) evades the pressure of a Harvard defenseman in the third quarter of MIT's 7-5 win.